

*IN THE UNITED STATES PATENT AND TRADEMARK OFFICE*

Applicant: KANG, Sun-Ho  
Title: LAYERED CATHODE  
MATERIALS FOR LITHIUM ION  
RECHARGEABLE BATTERIES  
Patent. No.: 7,205,072  
Issue Date: 04/17/2007  
Examiner: Gregg Cantelmo  
Art Unit: 1745  
Confirmation 3154  
Number:

**PETITION UNDER 37 C.F.R. § 3.81(b)**

**MAIL STOP: PETITIONS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Applicant, through the undersigned attorney, hereby petitions the Commissioner to issue the allowed above-captioned application to the Assignee:

**UChicago Argonne, LLC**

2. Applicant paid the Issue Fee and Publication Fee for this application on February 28, 2007. A copy of the date-stamped OIPE return postcard evidencing filing of same is attached herewith. Applicant inadvertently listed the Assignee on the Form PTOL-85 as The University of Chicago, rather than UChicago Argonne, LLC.

3. A copy of the Notice of Recordation of Assignment Document, dated September 28, 2006, showing assignment from The University of Chicago to UChicago Argonne, LLC is attached herewith (marked with an "X" on page 4). This Notice of Recordation of Assignment Document indicates that the Assignment was recorded at Reel/Frame 108385/0618.

4. Under 37 C.F.R. § 1.17(h), the statutory filing fee of \$130.00 is being paid by credit card via EFS-Web.

5. Applicant also has attached a Certificate of Correction reflecting the above name change and request that the file be forwarded to the Certificates of Correction Branch for issuance of a Certificate of Correction. The fee of \$100.00 was previously paid via credit card payment form on May 7, 2007.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date September 5, 2007

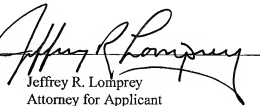
FOLEY & LARDNER LLP

Customer Number: 23524

Telephone: (608) 258-4288

Facsimile: (608) 258-4258

By

  
Jeffrey R. Lompfrey  
Attorney for Applicant  
Registration No. 55,401

# COPY

5-2014

THE U.S. PATENT AND TRADEMARK OFFICE OFFICIAL  
MAILROOM STAMP AFFIXED HERETO ACKNOWLEDGED  
RECEIPT OF THE ITEMS CHECKED BELOW:  
Mailed Via Certificate of Mailing

Title: LAYERED CATHODE MATERIALS FOR LITHIUM ION  
RECHARGEABLE BATTERIES

Inventor(s): Kang et al.

Appl. No.: 10/699,484

Dkt. No.: 051583-0289

- Issue Fee Transmittal Form PTOL-85(B) (1 pg.);
- Credit Card Payment Form for \$1,000.00 (1 pg.);
- Return Post Card.

Due Date: April 26, 2007  
Date Filed: February 28, 2007

Attorney Initials:  
Insp. By: *MEM t*





UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 16, 2006

PTAS



\*103316012A\*

HARRY M. LEVY  
SUITE 2080  
125 SOUTH WACKER DRIVE  
CHICAGO, IL 60606

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 09/28/2006

REEL/FRAME: 018385/0618  
NUMBER OF PAGES: 26

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

UNIVERSITY OF CHICAGO, THE

DOC DATE: 09/25/2006

ASSIGNEE:

U CHICAGO ARGONNE LLC  
5801 SOUTH ELLIS AVENUE  
CHICAGO, ILLINOIS 60637

SERIAL NUMBER: 09368989

FILING DATE: 08/05/1999

PATENT NUMBER:

ISSUE DATE:

TITLE: DEVICE FOR DETECTING MOLECULES, METHOD FOR DETECTING MOLECULES

SERIAL NUMBER: 09790851

FILING DATE: 02/22/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: EMERGENCY RESPONSE SYNCHRONIZATION MATRIX

SERIAL NUMBER: 09791422 FILING DATE: 02/23/2001  
PATENT NUMBER: ISSUE DATE:  
TITLE: RADIATION SHIELDING PHOSPHATE BONDED CERAMICS USING ENRICHED  
ISOTOPIC BORON COMPOUNDS

SERIAL NUMBER: 09943966 FILING DATE: 08/31/2001  
PATENT NUMBER: ISSUE DATE:  
TITLE: SYNTHESIS OF INTERMETALLIC NEGATIVE ELECTRODES FOR LITHIUM CELLS  
AND BATTERIES

SERIAL NUMBER: 10057753 FILING DATE: 01/23/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD FOR LABELING DNA AND RNA

SERIAL NUMBER: 10068474 FILING DATE: 02/05/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: GEL SUBSTRATES FOR MICROARRAYS SUITABLE FOR MACROMOLECULAR  
IMMOBILIZATION AND ASSAY

SERIAL NUMBER: 10167917 FILING DATE: 06/12/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: SOLID OXIDE FUEL CELL WITH ENHANCED MECHANICAL AND ELECTRICAL  
PROPERTIES

SERIAL NUMBER: 10212476 FILING DATE: 08/05/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: CUSTOMIZED OLIGONUCLEOTIDE MICROCHIPS THAT CONVERT MULTIPLE GENETIC  
INFORMATION TO SIMPLE PATTERNS, ARE PORTABLE AND REUSABLE

SERIAL NUMBER: 10275537 FILING DATE: 10/03/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD FOR FABRICATING CERAMIC COMPOSITES, FIBROUS CERAMIC MONOLITHS

SERIAL NUMBER: 10287455 FILING DATE: 11/04/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: DISCRIMINATION OF BACILLUS ANTHRACIS FROM CLOSELY RELATED  
MICROORGANISMS BY ANALYSIS OF 16S AND 23S RRNA WITH OLIGONUCLEOTIDE  
MICROCHIPS

SERIAL NUMBER: 10315904 FILING DATE: 12/10/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: HIGH CATION TRANSPORT POLYMER ELECTROLYTE

SERIAL NUMBER: 10337966 FILING DATE: 01/06/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: HARD AND LOW FRICTION NITRIDE COATINGS AND METHODS FOR FORMING THE  
SAME

SERIAL NUMBER: 10338507 FILING DATE: 01/07/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: ELECTRODE FOR A LITHIUM CELL

SERIAL NUMBER: 10351826 FILING DATE: 01/27/2003  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: HIGH-DIELECTRIC CONSTANT ALLOY OXIDE FOR NEW GENERATION OF  
 INTEGRATED CIRCUIT GATE OXIDE AND MAGNETIC MULTILAYER MEMORIES

SERIAL NUMBER: 10354929 FILING DATE: 01/30/2003  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: ION EXCHANGE MATERIALS FOR USE IN A 213BI GENERATOR

SERIAL NUMBER: 10365286 FILING DATE: 02/12/2003  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: LAYERED ELECTRODES FOR LITHIUM CELLS AND BATTERIES

SERIAL NUMBER: 10371214 FILING DATE: 02/20/2003  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: COATINGS AND FILMS DERIVED FROM CLAY/WAX NANOCOMPOSITES

SERIAL NUMBER: 10384344 FILING DATE: 03/07/2003  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: NOVEL CATALYST FOR SELECTIVE NOX REDUCTION USING HYDROCARBONS

SERIAL NUMBER: 10398329 FILING DATE: 10/17/2005  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: ELECTRODE AND ELECTRON EMISSION APPLICATIONS FOR N-TYPE DOPED  
 NANOCRYSTALLINE MATERIALS

SERIAL NUMBER: 10428348 FILING DATE: 05/02/2003  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: PREPARATION OF ORGANOPHYLLOSILICATE NANOCOMPOSITE COMPOSITIONS

SERIAL NUMBER: 10439744 FILING DATE: 05/16/2003  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: FUEL PROCESSOR FOR PRODUCING HYDROGEN FROM HYDROCARBON FUELS

SERIAL NUMBER: 10449287 FILING DATE: 05/30/2003  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: ENHANCED PHOTOPHYSICS OF CONJUGATED POLYMERS

SERIAL NUMBER: 10532556 FILING DATE: 10/28/2005  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: METALWORKING AND MACHINING FLUIDS

SERIAL NUMBER: 10547100 FILING DATE: 2/8/05  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: ALUMINUM PHOSPHATE CERAMICS FOR WASTE STORAGE

SERIAL NUMBER: 10547445 FILING DATE: 06/08/2006  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: METHOD OF WASTE STABILIZATION WITH DEWATERED CHEMICALLY BONDED  
 PHOSPHATE CERAMICS

SERIAL NUMBER: 10609907 FILING DATE: 06/30/2003  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: POLYMER-PHYLLOSILICATE NANOCOMPOSITES AND THEIR PREPARATION

SERIAL NUMBER: 10619284 FILING DATE: 07/14/2003 ✓  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY POSITIONING APPARATUS

SERIAL NUMBER: 10637127 FILING DATE: 08/08/2003 ✓  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: RESONANCE-ENHANCED DIELECTRIC SENSING OF CHEMICAL AND BIOLOGICAL SPECIES

SERIAL NUMBER: 10642768 FILING DATE: 08/18/2003 ✓  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: METHOD FOR FABRICATION OF BIOCHIPS WITH A MACROPOROUS POLYMER SUBSTRATE

SERIAL NUMBER: 10647423 FILING DATE: 08/25/2003 ✓  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: DISCRIMINATION OF BACILLUS ANTHRACIS FROM CLOSELY RELATED MICROORGANISMS BY ANALYSIS OF 16S AND 23S RRNA WITH OLIGONUCLEOTIDE MICROCHIPS

SERIAL NUMBER: 10688004 FILING DATE: 10/17/2003 ✓  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: LITHIUM METAL OXIDE ELECTRODES FOR LITHIUM CELLS AND BATTERIES

X  
 SERIAL NUMBER: 10699484 FILING DATE: 10/31/2003 ✓  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: LAYERED CATHODE MATERIALS FOR LITHIUM ION RECHARGEABLE BATTERIES

SERIAL NUMBER: 10702419 FILING DATE: 11/05/2003 ✓  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM

SERIAL NUMBER: 10702798 FILING DATE: 11/05/2003 ✓  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: IMMOBILIZED BIOCATALYTIC ENZYMES IN ELECTRODEIONIZATION (EDI)

SERIAL NUMBER: 10716331 FILING DATE: 11/18/2003 ✓  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: IRON-BASED PEROVSKITE CATHODES FOR SOLID OXIDE FUEL CELLS

SERIAL NUMBER: 10738400 FILING DATE: 12/17/2003 ✓  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: LITHIUM BASED ELECTROCHEMICAL CELL SYSTEMS

SERIAL NUMBER: 10741248 FILING DATE: 12/18/2003 ✓  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: ANODE MATERIAL FOR LITHIUM BATTERIES

SERIAL NUMBER: 10746211 FILING DATE: 12/23/2003 ✓  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: ELECTRODES FOR LITHIUM BATTERIES

SERIAL NUMBER: 10780348	FILING DATE: 02/17/2004 ✓
PATENT NUMBER:	ISSUE DATE:
TITLE: METHOD FOR FAST START OF A FUEL PROCESSOR	
SERIAL NUMBER: 10782278	FILING DATE: 02/18/2004 ✓
PATENT NUMBER:	ISSUE DATE:
TITLE: CERAMICRETE STABILIZATION OF U-AND PU-BEARING MATERIALS	
SERIAL NUMBER: 10789219	FILING DATE: 02/27/2004 ✓
PATENT NUMBER:	ISSUE DATE:
TITLE: FUEL PROCESSOR AND METHOD FOR GENERATING HYDROGEN FOR FUEL CELLS	
SERIAL NUMBER: 10794231	FILING DATE: 03/05/2004 ✓
PATENT NUMBER:	ISSUE DATE:
TITLE: SINGLE-STAGE SEPARATION AND ESTERIFICATION OF CATION SALT CARBOXYLATES USING ELECTRODEIONIZATION	
SERIAL NUMBER: 10794381	FILING DATE: 03/05/2004 ✓
PATENT NUMBER:	ISSUE DATE:
TITLE: DUAL PHASE MULTIPLEX POLYMERASE CHAIN REACTION	
SERIAL NUMBER: 10799181	FILING DATE: 03/12/2004 ✓
PATENT NUMBER:	ISSUE DATE:
TITLE: ATOMIC LAYER DEPOSITION FOR HIGH TEMPERATURE SUPERCONDUCTOR MATERIAL SYNTHESIS	
SERIAL NUMBER: 10800292	FILING DATE: 03/12/2004 ✓
PATENT NUMBER:	ISSUE DATE:
TITLE: LAYERED LI1+XNIALPHAMNBETAAGAMMAO2 CATHODE MATERIALS FOR LI-ION RECHARGEABLE BATTERIES AND METHODS OF MANUFACTURING THE SAME	
SERIAL NUMBER: 10803280	FILING DATE: 03/18/2004 ✓
PATENT NUMBER:	ISSUE DATE:
TITLE: METHODS AND COMPOSITIONS FOR SYNTHESIS OF 3'-AMINOLINKERS.	
SERIAL NUMBER: 10807599	FILING DATE: 03/24/2004 ✓
PATENT NUMBER:	ISSUE DATE:
TITLE: ROBOT-BASED AUTOMATION SYSTEM FOR CRYOGENIC CRYSTAL SAMPLE MOUNTING	
SERIAL NUMBER: 10814210	FILING DATE: 03/31/2004 ✓
PATENT NUMBER:	ISSUE DATE:
TITLE: HYDROGEN TRANSPORT MEMBRANES FOR DEHYDROGENATION REACTIONS	
SERIAL NUMBER: 10823509	FILING DATE: 04/12/2004 ✓
PATENT NUMBER:	ISSUE DATE:
TITLE: USE OF METAL OXIDE SEMICONDUCTORS TO MANIPULATE BIOLOGICAL MOLECULES	
SERIAL NUMBER: 10824741	FILING DATE: 04/15/2004 ✓
PATENT NUMBER:	ISSUE DATE:
TITLE: ELECTRODIALYSIS OPERATION WITH BUFFER SOLUTION	



SERIAL NUMBER: 10825572	FILING DATE: 04/15/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: AUTOMATED AGENT-BASED METHOD FOR IDENTIFYING INFRASTRUCTURE INTERDEPENDENCIES	
SERIAL NUMBER: 10825931	FILING DATE: 04/15/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: LITHIUM METAL OXIDE ELECTRODES FOR LITHIUM BATTERIES	
SERIAL NUMBER: 10827114	FILING DATE: 04/19/2004
PATENT NUMBER: 7118591	ISSUE DATE: 10/10/2006
TITLE: HEAT TRANSFER PROBE	
SERIAL NUMBER: 10832753	FILING DATE: 04/27/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: AUTOHERMAL REFORMING CATALYST WITH PEROVSKITE TYPE STRUCTURE	
SERIAL NUMBER: 10841731	FILING DATE: 05/08/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: METHOD FOR PRODUCING FUNCTIONALLY GRADED NANOCRYSTALLINE LAYER ON METAL SURFACE	
SERIAL NUMBER: 10845867	FILING DATE: 05/13/2004
PATENT NUMBER: 7128889	ISSUE DATE: 10/31/2006
TITLE: METHOD TO GROW CARBON THIN FILMS CONSISTING ENTIRELY OF DIAMOND GRAINS 3-5 NM IN SIZE AND HIGH-ENERGY GRAIN BOUNDARIES	
SERIAL NUMBER: 10857365	FILING DATE: 05/28/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: LONG LIFE LITHIUM BATTERIES WITH STABILIZED ELECTRODES	
SERIAL NUMBER: 10858806	FILING DATE: 06/02/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: NICKEL-TITANIUM-PHOSPHATE CATHODES	
SERIAL NUMBER: 10859259	FILING DATE: 06/02/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: PROCESS FOR PRODUCTION AND PURIFICATION OF FERMENTATION DERIVED ORGANIC ACIDS	
SERIAL NUMBER: 10863617	FILING DATE: 06/08/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: LIQUID CRYSTALLINE COMPOSITES CONTAINING PHYLLOSILICATES	
SERIAL NUMBER: 10865651	FILING DATE: 06/10/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: OPTICAL APPARATUS FOR LASER SCATTERING BY OBJECTS HAVING COMPLEX SHAPES	
SERIAL NUMBER: 10866963	FILING DATE: 06/14/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: METHOD AND APPARATUS FOR SEPARATING MIXED PLASTICS USING FLOTATION TECHNIQUES	

SERIAL NUMBER: 10868062 FILING DATE: 06/15/2004 ✓  
PATENT NUMBER: ISSUE DATE:  
TITLE: COMPOSITION AND APPLICATION OF NOVEL SPRAYABLE PHOSPHATE CEMENT  
(GRANCRETE) THAT BONDS TO STYROFOAM

SERIAL NUMBER: 10874774 FILING DATE: 06/23/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: POLYOLEFIN NANOCOMPOSITES ✓

SERIAL NUMBER: 10892736 FILING DATE: 07/15/2004 ✓  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD TO GROW PURE NANOCRYSTALLINE DIAMOND FILMS AT LOW  
TEMPERATURES AND HIGH DEPOSITION RATES

SERIAL NUMBER: 10903514 FILING DATE: 07/30/2004 ✓  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD AND APPARATUS FOR PREPARATION OF SPHERICAL METAL CARBONATES  
AND LITHIUM METAL OXIDES FOR LITHIUM RECHARGEABLE BATTERIES

SERIAL NUMBER: 10903705 ✓ FILING DATE: 07/30/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHODS TO IMPROVE LUBRICITY OF FUELS AND LUBRICANTS

SERIAL NUMBER: 10940467 FILING DATE: 09/14/2004 ✓  
PATENT NUMBER: 7114858 ISSUE DATE: 10/03/2006  
TITLE: LASER BASED IGNITION SYSTEM FOR NATURAL GAS RECIPROCATING ENGINES,  
LASER BASED IGNITION SYSTEM HAVING CAPABILITY TO DETECT SUCCESSFUL  
IGNITION EVENT; AND DISTRIBUTOR SYSTEM FOR USE WITH HIGH-POWERED  
PULSED LASERS

SERIAL NUMBER: 10941592 FILING DATE: 09/14/2004 ✓  
PATENT NUMBER: ISSUE DATE:  
TITLE: PERMAFROST CERAMICRETE

SERIAL NUMBER: 10941800 FILING DATE: 09/14/2004 ✓  
PATENT NUMBER: ISSUE DATE:  
TITLE: CATALYTIC NANOPOROUS MEMBRANES

SERIAL NUMBER: 10945834 FILING DATE: 09/21/2004 ✓  
PATENT NUMBER: ISSUE DATE:  
TITLE: OMEGA-AMINO-PEG-PHOSPHORAMIDITES AND CONJUGATES THEREOF

SERIAL NUMBER: 10951558 FILING DATE: 09/28/2004  
PATENT NUMBER: ISSUE DATE: 9/21/04  
TITLE: PACKAGING FOR PRIMARY AND SECONDARY BATTERIES

SERIAL NUMBER: 10969667 FILING DATE: 10/20/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: RELIABLE DISK DRIVE AND METHOD

SERIAL NUMBER: 10971507 FILING DATE: 10/21/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: ELECTROCHEMICAL DEVICE HAVING ELECTROLYTE INCLUDING DISILOXANE

SERIAL NUMBER: 10971913	FILING DATE: 10/21/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: ELECTROCHEMICAL DEVICE HAVING ELECTROLYTE INCLUDING TRISILOXANE	

SERIAL NUMBER: 10971926	FILING DATE: 10/21/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: ELECTROCHEMICAL DEVICE HAVING AN ELECTROLYTE THAT INCLUDES A TETRASILOXANE	

SERIAL NUMBER: 10980507	FILING DATE: 11/03/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: PATTERN TRANSFER WITH SELF-SIMILAR SACRIFICIAL MASK LAYER AND VECTOR MAGNETIC FIELD SENSOR	

SERIAL NUMBER: 10993642	FILING DATE: 11/19/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: RETENTION OF COUNTERIONS IN THE SEPARATIVE BIOREACTOR	

SERIAL NUMBER: 11001193	FILING DATE: 12/01/2004
PATENT NUMBER:	ISSUE DATE:
TITLE: ULTRAFAST AND ULTRASENSITIVE HYDROGEN SENSORS BASED ON SELF-ASSEMBLY MONOLAYER PROMOTED 2-DIMENSIONAL PALLADIUM NANOCCLUSERS	

SERIAL NUMBER: 11040914	FILING DATE: 01/21/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: SINGLE METAL NANOPARTICLE SCATTERING INTERFEROMETER	

SERIAL NUMBER: 11056866	FILING DATE: 02/10/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: ELECTROCHEMICAL DEVICE HAVING ELECTROLYTE INCLUDING DISILOXANE	

SERIAL NUMBER: 11056867	FILING DATE: 02/10/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: ELECTROCHEMICAL DEVICE HAVING ELECTROLYTE INCLUDING TRISILOXANE	

SERIAL NUMBER: 11056868	FILING DATE: 02/10/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: ELECTROCHEMICAL DEVICE HAVING AN ELECTROLYTE THAT INCLUDES A TETRASILOXANE	

SERIAL NUMBER: 11057790	FILING DATE: 02/14/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: MANGANESE OXIDE COMPOSITE ELECTRODES FOR LITHIUM BATTERIES	

SERIAL NUMBER: 11066791	FILING DATE: 02/25/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: SYNTHESIS OF 3'-, OR 5'-, OR INTERNAL METHACRYLAMIDO-MODIFIED OLIGONUCLEOTIDES	

SERIAL NUMBER: 11073263	FILING DATE: 03/03/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: LAYERED CU-BASED ELECTRODE FOR HIGH-DIELECTRIC CONSTANT OXIDE THIN FILM-BASED DEVICES	

SERIAL NUMBER: 11082468 FILING DATE: 03/17/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: ELECTRONICALLY AND IONICALLY CONDUCTIVE POROUS MATERIAL AND METHOD  
FOR MANUFACTURE OF RESIN WAFERS THEREFROM

SERIAL NUMBER: 11082469 FILING DATE: 03/17/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: DEVICES USING RESIN WAFERS AND APPLICATIONS THEREOF

SERIAL NUMBER: 11084940 FILING DATE: 03/21/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: THREE-ELECTRODE METAL OXIDE REDUCTION CELL

SERIAL NUMBER: 11088606 FILING DATE: 03/23/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: DETERMINATION OF THE HYDROGEN STORAGE CAPACITY OF NOVEL SEPIOLITE-  
DERIVED CARBONACEOUS MATERIALS

SERIAL NUMBER: 11097603 FILING DATE: 04/01/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: SYNTHESIS OF A SELF ASSEMBLED HYBRID OF ULTRANANOCRYSTALLINE  
DIAMOND AND CARBON NANOTUBES

SERIAL NUMBER: 11104894 FILING DATE: 04/13/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: EJECTOR/INJECTOR TOOL FOR USE WITH CONE PENETROMETER

SERIAL NUMBER: 11113739 FILING DATE: 04/25/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: CATALYTIC MEMBRANES FOR CO OXIDATION IN FUEL CELLS

SERIAL NUMBER: 11113826 FILING DATE: 04/25/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: MAGNETIC NANOPARTICLES FOR BIOMEDICAL APPLICATIONS

SERIAL NUMBER: 11121425 FILING DATE: 05/04/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: THERMALLY STABLE SURFACTANTS AND COMPOSITIONS AND METHODS OF USE  
THEREOF

SERIAL NUMBER: 11123602 FILING DATE: 05/06/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: HERMETIC BIO-INERT COATINGS FOR BIO-IMPLANTS FABRICATED USING  
ATOMIC LAYER DEPOSITION

SERIAL NUMBER: 11135101 FILING DATE: 05/23/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHODS FOR FABRICATING LITHIUM RECHARGEABLE BATTERIES

SERIAL NUMBER: 11143417 FILING DATE: 06/02/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: HIGH POWER, LONG FOCUS ELECTRON SOURCE FOR BEAM PROCESSING

SERIAL NUMBER: 11143837	FILING DATE: 06/02/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: LAPAROSCOPIC TUMOR THERAPY USING	HIGH ENERGY ELECTRON IRRADIATION
SERIAL NUMBER: 11149901	FILING DATE: 06/10/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: CUSTOMIZED OLIGONUCLEOTIDE MICROCHIPS THAT CONVERT MULTIPLE GENETIC	INFORMATION TO SIMPLER PATTERNS, ARE PORTABLE AND REUSABLE
SERIAL NUMBER: 11153815	FILING DATE: 06/15/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: COMPACT SYSTEM AND METHOD FOR THE PRODUCTION OF LONG-WAVELENGTH,	ELECTROMAGNETIC RADIATION EXTENDING OVER THE TERAHERTZ REGIME
SERIAL NUMBER: 11167067	FILING DATE: 06/24/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: NANOSTRUCTURES SYNTHESIZED USING	ANODIC ALUMINUM OXIDE
SERIAL NUMBER: 11182567	FILING DATE: 07/15/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: SYNCHRONIZATION MATRIX PROCESS FOR TOTAL EMERGENCY MANAGEMENT	
SERIAL NUMBER: 11190784	FILING DATE: 07/27/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: METHOD FOR DETECTION AND IMAGING	OVER A BROAD SPECTRAL RANGE
SERIAL NUMBER: 11196366	FILING DATE: 08/03/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: VECTOR FOR IMPROVED IN VIVO PRODUCTION OF PROTEINS	
SERIAL NUMBER: 11204331	FILING DATE: 08/15/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: CONSTRUCTION MATERIAL	
SERIAL NUMBER: 11204332	FILING DATE: 08/15/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: METHOD OF BINDING STRUCTURAL MATERIAL	
SERIAL NUMBER: 11204512	FILING DATE: 08/16/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: MANGANESE OXIDE COMPOSITE ELECTRODES FOR LITHIUM BATTERIES	
SERIAL NUMBER: 11207379	FILING DATE: 08/19/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: MONOLITHIC INTEGRATED PASSIVE AND ACTIVE ELECTRONIC DEVICES WITH	BIOCOMPATIBLE COATINGS
SERIAL NUMBER: 11211135	FILING DATE: 08/24/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: SILVER VANADIUM OXIDE-FLUORIDE MATERIAL USEFUL AS A BATTERY CATHODE	

SERIAL NUMBER: 11212087 FILING DATE: 08/24/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: CHEMICALLY BONDED PHOSPHATE CERAMIC SEALANT FORMULATIONS FOR OIL  
FIELD APPLICATIONS

SERIAL NUMBER: 11226703 FILING DATE: 09/13/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: ALL DIAMOND SELF-ALIGNED THIN FILM TRANSISTOR

SERIAL NUMBER: 11228064 FILING DATE: 09/16/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: HIGH-TEMPERATURE POTENTIOMETRIC OXYGEN SENSOR WITH INTERNAL  
REFERENCE

SERIAL NUMBER: 11230281 FILING DATE: 09/19/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: BROADBAND SURFACE PLASMON JETS: DIRECT OBSERVATION OF PLASMON  
PROPAGATION FOR APPLICATION TO SENSORS AND OPTICAL COMMUNICATIONS  
IN MICROSCALE AND NANOSCALE CIRCUITRY

SERIAL NUMBER: 11233913 FILING DATE: 09/23/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: DEVICE FOR DETECTING MOLECULES, METHOD FOR DETECTING MOLECULES

SERIAL NUMBER: 11237365 FILING DATE: 09/28/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF DECONTAMINATING A POROUS SURFACE CONTAMINATED WITH CESIUM

SERIAL NUMBER: 11238196 FILING DATE: 09/29/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: OPTOMECHANICAL STRUCTURE FOR A MULTIFUNCTIONAL HARD X-RAY NANOPROBE  
INSTRUMENT

SERIAL NUMBER: 11248661 FILING DATE: 10/11/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: FIELD EMISSION CATHODE GATING FOR RF ELECTRON GUNS AND PLANAR  
FOCUSING CATHODES

SERIAL NUMBER: 11267056 FILING DATE: 11/04/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: MULTI-RADIATION LARGE AREA DETECTOR

SERIAL NUMBER: 11271462 FILING DATE: 11/10/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: LITHIUM METAL OXIDE ELECTRODES FOR LITHIUM CELLS AND BATTERIES

SERIAL NUMBER: 11291254 FILING DATE: 12/01/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: PROTON CONDUCTING MEMBRANE FOR FUEL CELLS

SERIAL NUMBER: 11297120 FILING DATE: 12/08/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: LONG LIFE LITHIUM BATTERIES WITH STABILIZED ELECTRODES

SERIAL NUMBER: 11302419	FILING DATE: 12/12/2005
PATENT NUMBER:	ISSUE DATE:
TITLE: JOINING OF ADVANCED MATERIALS BY SUPERPLASTIC DEFORMATION	
SERIAL NUMBER: 11329937	FILING DATE: 01/11/2006
PATENT NUMBER:	ISSUE DATE:
TITLE: METHOD FOR FABRICATION OF HIGH TEMPERATURE SUPERCONDUCTORS	
SERIAL NUMBER: 11338092	FILING DATE: 01/24/2006
PATENT NUMBER:	ISSUE DATE:
TITLE: SHEET FLOORING HAVING EMBEDDED SELVAGE PATTERN MATCH INDICATORS	
SERIAL NUMBER: 11345947	FILING DATE: 02/02/2006
PATENT NUMBER:	ISSUE DATE:
TITLE: LITHIUM-ION BATTERIES WITH INTRINSIC PULSE OVERCHARGE PROTECTION	
SERIAL NUMBER: 11350005	FILING DATE: 02/08/2006
PATENT NUMBER:	ISSUE DATE:
TITLE: METHOD TO GROW CARBON THIN FILMS CONSISTING ENTIRELY OF DIAMOND GRAINS 3-5 NM IN SIZE AND HIGH-ENERGY GRAIN BOUNDARIES	
SERIAL NUMBER: 11353286	FILING DATE: 02/09/2006
PATENT NUMBER:	ISSUE DATE:
TITLE: WATER AND/OR ALCOHOL WATER SECONDARY INJECTION SYSTEM FOR DIESEL ENGINES	
SERIAL NUMBER: 11362484	FILING DATE: 02/24/2006
PATENT NUMBER:	ISSUE DATE:
TITLE: AUTOMATED MULTICOLOR FLUORESCENT MICROSCOPE WITH SCANNING AND THERMOSTATIC ABILITY	
SERIAL NUMBER: 11366891	FILING DATE: 03/01/2006
PATENT NUMBER:	ISSUE DATE:
TITLE: NOVEL REDOX SHUTTLES FOR OVERCHARGE PROTECTION OF LITHIUM BATTERIES	
SERIAL NUMBER: 11368116	FILING DATE: 03/03/2006
PATENT NUMBER:	ISSUE DATE:
TITLE: METHOD OF FABRICATING ELECTRODE CATALYST LAYERS WITH DIRECTIONALLY ORIENTED CARBON SUPPORT FOR PROTON EXCHANGE MEMBRANE FUEL CELL	
SERIAL NUMBER: 11368120	FILING DATE: 03/03/2006
PATENT NUMBER:	ISSUE DATE:
TITLE: ALIGNED CARBON NANOTUBE WITH ELECTRO-CATALYTIC ACTIVITY FOR OXYGEN REDUCTION REACTION	
SERIAL NUMBER: 11373054	FILING DATE: 03/10/2006
PATENT NUMBER:	ISSUE DATE:
TITLE: NON-AQUEOUS ELECTROLYTES FOR LITHIUM ION BATTERIES	
SERIAL NUMBER: 11374849	FILING DATE: 03/14/2006
PATENT NUMBER:	ISSUE DATE:
TITLE: SURFACE MODIFICATION TO IMPROVE FIRESIDE CORROSION RESISTANCE OF FE-CR FERRITIC STEELS	

SERIAL NUMBER: 11378145 FILING DATE: 03/16/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: LITHIUM METAL OXIDE ELECTRODES FOR LITHIUM BATTERIES

SERIAL NUMBER: 11384792 FILING DATE: 03/20/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: NANOSIZED BIOLOGICAL CONTAINER AND MANUFACTURE THEREOF

SERIAL NUMBER: 11388636 FILING DATE: 03/24/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: NOVEL ULTRANANOCRYSTALLINE DIAMOND PROBES FOR HIGH-RESOLUTION LOW-WEAR NANOLITHOGRAPHIC TECHNIQUES

SERIAL NUMBER: 11393603 FILING DATE: 03/30/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: EFFICIENT PROCESS FOR MAKING TACKIFIERS AND ADHESIVES

SERIAL NUMBER: 11399034 FILING DATE: 04/05/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: COVALENT ATTACHMENT OF BIOMOLECULES TO SOLID SUPPORTS BY A POLYMERIZATION METHOD

SERIAL NUMBER: 11404697 FILING DATE: 04/14/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHODS OF USING A LASER TO PERFORATE COMPOSITE STRUCTURES OF STEEL CASING, CEMENT AND ROCKS

SERIAL NUMBER: 11404698 FILING DATE: 04/14/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHODS OF USING A LASER TO SPALL AND DRILL HOLES IN ROCKS

SERIAL NUMBER: 11404794 FILING DATE: 04/14/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: POLYMER NANOCOMPOSITES FOR LITHIUM BATTERY APPLICATIONS

SERIAL NUMBER: 11406097 FILING DATE: 04/18/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: BIPOLAR PLATE SUPPORTED SOLID OXIDE FUEL CELL WITH A SEALED ANODE COMPARTMENT

SERIAL NUMBER: 11407711 FILING DATE: 04/20/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: PASSIVE MILLIMETER WAVE SPECTROMETER FOR REMOTE DETECTION OF CHEMICAL PLUMES

SERIAL NUMBER: 11410757 FILING DATE: 04/25/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: PROCESSES FOR MAKING DENSE, SPHERICAL ACTIVE MATERIALS FOR LITHIUM-ION CELLS

SERIAL NUMBER: 11413698 FILING DATE: 04/28/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: TRACKING OF MOVING RADIOACTIVE SOURCES



SERIAL NUMBER: 11418954 FILING DATE: 05/05/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD FOR FABRICATING DENSE THIN FILM CERMET HYDROGEN SEPARATION  
MEMBRANE

SERIAL NUMBER: 11418955 FILING DATE: 05/05/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD FOR FABRICATING A HYDROGEN SEPARATION MEMBRANE ON A POROUS  
SUBSTRATE

SERIAL NUMBER: 11418957 FILING DATE: 05/05/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: THERMAL METHOD FOR FABRICATING A HYDROGEN SEPARATION MEMBRANE ON A  
POROUS SUBSTRATE

SERIAL NUMBER: 11425667 FILING DATE: 06/21/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: PREPARATION OF PLASTIC SUPPORTS FOR BIOCHIPS

SERIAL NUMBER: 11429016 FILING DATE: 05/03/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: USE OF TUNGSTEN INTERLAYER TO ENHANCE THE INITIAL NUCLEATION AND  
CONFORMALITY OF ULTRANANOCRYSTALLINE DIAMOND (UNCN) THIN FILMS

SERIAL NUMBER: 11438180 FILING DATE: 05/22/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: BIO-INORGANIC CONJUGATES

SERIAL NUMBER: 11443566 FILING DATE: 05/31/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: NICKEL BASED ALLOYS TO PREVENT METAL DUSTING DEGRADATION

SERIAL NUMBER: 11443714 FILING DATE: 05/31/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: INTEGRATED ELECTRON BEAM TIP AND SAMPLE HEATING DEVICE FOR A  
SCANNING TUNNELING MICROSCOPE

SERIAL NUMBER: 11443955 FILING DATE: 05/31/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: SEMICONDUCTOR-BASED DETECTION AND DECONTAMINATION SYSTEM

SERIAL NUMBER: 11444219 FILING DATE: 05/31/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: ELECTRODE MATERIALS AND LITHIUM BATTERY SYSTEMS

SERIAL NUMBER: 11444241 FILING DATE: 05/31/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: MODULAR, MICRO-SCALE, OPTICAL ARRAY AND BIODETECTION SYSTEM

SERIAL NUMBER: 11444242 FILING DATE: 05/31/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: COMBINATORIAL ELECTROCHEMICAL DEPOSITION SYSTEM

SERIAL NUMBER: 11450619 FILING DATE: 06/09/2006  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: NITROGEN ENRICHED COMBUSTION OF A NATURAL GAS INTERNAL COMBUSTION  
 ENGINE TO REDUCE NOX EMISSIONS

SERIAL NUMBER: 11452052 FILING DATE: 06/13/2006  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: METHOD FOR ANALYZING MULTI-LAYER MATERIALS FROM ONE-SIDED PULSED  
 THERMAL IMAGING

SERIAL NUMBER: 11452156 FILING DATE: 06/13/2006  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: OPTICAL FILTER FOR FLASH LAMPS IN PULSED THERMAL IMAGING

SERIAL NUMBER: 11454724 FILING DATE: 06/16/2006 ✓  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: LIGHT WEIGHT PHOSPHATE CEMENTS

SERIAL NUMBER: 11455358 FILING DATE: 06/19/2006  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: CATHODE MATERIAL FOR LITHIUM BATTERIES

SERIAL NUMBER: 11466717 FILING DATE: 08/23/2006  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: METHOD TO IMPROVE QUALITY OF MICROARRAYS BY CONTROLLING EVAPORATION

SERIAL NUMBER: 11479797 FILING DATE: 06/30/2006  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: HIGH RESOLUTION X-RAY AND GAMMA RAY IMAGING USING DIFFRACTION  
 LENSES WITH MECHANICALLY BENT CRYSTALS

SERIAL NUMBER: 11484348 FILING DATE: 07/11/2006  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: NMR CHARACTERIZATION OF THIN FILMS

SERIAL NUMBER: 11484349 FILING DATE: 07/11/2006  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: MOLECULE NANOWEAVE

SERIAL NUMBER: 11485203 FILING DATE: 07/12/2006  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: METHOD AND APPARATUS FOR IMPLEMENTING NON-DESTRUCTIVE QUALITY  
 CONTROL OF SUBSTRATES AND PRINTED BIOLOGICAL MICROARRAYS, AND FOR  
 IMPLEMENTING QUALITY CONTROL AND VISUALIZING GEL-BASED MICROARRAYS  
 PREPARED BY DISPENSING GEL-FORMING COMPOSITION ON SOLID SURFACES

SERIAL NUMBER: 11496195 FILING DATE: 07/31/2006  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: SURFACE ACOUSTIC WAVE PROBE IMPLANT FOR PREDICTING EPILEPTIC  
 SEIZURES

SERIAL NUMBER: 07589562	FILING DATE: 09/28/1990
PATENT NUMBER: 5086034	ISSUE DATE: 02/04/1992
TITLE: CALCINATION AND SOLID STATE REACTION OF CERAMIC-FORMING COMPONENTS TO PROVIDE SINGLE-PHASE SUPERCONDUCTING MATERIALS HAVING FINE PARICLE SIZE	
SERIAL NUMBER: 07582525	FILING DATE: 09/14/1990
PATENT NUMBER: 5194298	ISSUE DATE: 03/16/1993
TITLE: METHOD OF PREPARING CORROSION RESISTANT COMPOSITE MATERIALS	
SERIAL NUMBER: 07739029	FILING DATE: 08/01/1991
PATENT NUMBER: 5211923	ISSUE DATE: 05/18/1993
TITLE: HYDROGEN AND SULFUR RECOVERY FROM HYDROGEN SULFIDE WASTES	
SERIAL NUMBER: 07928790	FILING DATE: 08/11/1992
PATENT NUMBER: 5411149	ISSUE DATE: 05/02/1995
TITLE: AQUEOUS BIPHASIC EXTRACTION PROCESS WITH PH AND PARTICLE CONTROL	
SERIAL NUMBER: 08129964	FILING DATE: 09/30/1993
PATENT NUMBER: 5429727	ISSUE DATE: 07/04/1995
TITLE: ELECTROCATALYTIC CERMET GAS DETECTOR/SENSOR	
SERIAL NUMBER: 08048652	FILING DATE: 04/16/1993
PATENT NUMBER: 5440210	ISSUE DATE: 08/08/1995
TITLE: INDIRECTLY SENSING ACCELERATOR BEAM CURRENTS FOR LIMITING MAXIMUM BEAM CURRENT MAGNITUDE	
SERIAL NUMBER: 08289751	FILING DATE: 08/12/1994
PATENT NUMBER: 5453331	ISSUE DATE: 09/26/1995
TITLE: COMPLIANT SEALANTS FOR SOLID OXIDE FUEL CELLS AND OTHER CERAMICS	
SERIAL NUMBER: 08028782	FILING DATE: 03/10/1993
PATENT NUMBER: 5455206	ISSUE DATE: 10/03/1995
TITLE: CORROSION RESISTANT CERAMIC MATERIALS	
SERIAL NUMBER: 08191643	FILING DATE: 02/04/1994
PATENT NUMBER: 5468456	ISSUE DATE: 11/21/1995
TITLE: BATCH EXTRACTING PROCESS USING MAGNETICPARTICLE HELD SOLVENTS	
SERIAL NUMBER: 08262998	FILING DATE: 06/20/1994
PATENT NUMBER: 5468964	ISSUE DATE: 11/21/1995
TITLE: MILLIMETER WAVE SENSOR FOR MONITORING EFFLUENTS	
SERIAL NUMBER: 08372067	FILING DATE: 01/12/1995
PATENT NUMBER: 5504060	ISSUE DATE: 04/02/1996
TITLE: METHOD FOR HARVESTING RARE EARTH BARIUM COPPER OXIDE SINGLE CRYSTALS	
SERIAL NUMBER: 08522618	FILING DATE: 09/01/1995
PATENT NUMBER: 5510624	ISSUE DATE: 04/23/1996
TITLE: SIMULTANEOUS SPECIMEN AND STAGE CLEANING DEVICE FOR ANALYTICAL ELECTRON MICROSCOPE	

SERIAL NUMBER: 08297979 FILING DATE: 08/30/1994  
PATENT NUMBER: 5526903 ISSUE DATE: 06/18/1996  
TITLE: LOW PROFILE, HIGH LOAD VERTICAL ROLLING POSITIONING STAGE

SERIAL NUMBER: 08312053 FILING DATE: 09/26/1994  
PATENT NUMBER: 5532078 ISSUE DATE: 07/02/1996  
TITLE: ELECTROCHEMICAL CELL

SERIAL NUMBER: 08211554 FILING DATE: 12/05/1994  
PATENT NUMBER: 5536593 ISSUE DATE: 07/16/1996  
TITLE: ELECTROCHEMICAL CELL

SERIAL NUMBER: 08372042 FILING DATE: 01/12/1995  
PATENT NUMBER: 5549748 ISSUE DATE: 08/27/1996  
TITLE: METHOD FOR HARVESTING SINGLE CRYSTALS FROM A PERITECTIC MELT

SERIAL NUMBER: 08156429 FILING DATE: 11/23/1993  
PATENT NUMBER: 5563565 ISSUE DATE: 10/08/1996  
TITLE: METHOD FOR OBTAINING LARGE LEVITATION PRESSURE IN SUPERCONDUCTING  
MAGNETIC BEARINGS

SERIAL NUMBER: 08541866 FILING DATE: 10/10/1995  
PATENT NUMBER: 5602886 ISSUE DATE: 02/11/1997  
TITLE: NEURAL NET CONTROLLED TAG GAS SAMPLING SYSTEM FOR NUCLEAR REACTORS

SERIAL NUMBER: 08671325 FILING DATE: 06/27/1996  
PATENT NUMBER: 5604162 ISSUE DATE: 02/18/1997  
TITLE: A PROCESS OF PREPARING TRITIATED POROUS SILICON

SERIAL NUMBER: 08517001 FILING DATE: 08/18/1995  
PATENT NUMBER: 5605171 ISSUE DATE: 02/25/1997  
TITLE: POROUS SILICON WITH EMBEDDED TRITIUM AS A STAND-ALONE PRIME POWER  
SOURCE FOR OPTOELECTRONIC APPLICATIONS

SERIAL NUMBER: 08531399 FILING DATE: 09/21/1995  
PATENT NUMBER: 5611854 ISSUE DATE: 03/18/1997  
TITLE: SEED CRYSTALS WITH IMPROVED PROPERTIES FOR MELT PROCESSING  
SUPERCONDUCTORS FOR PRACTICAL APPLICATIONS

SERIAL NUMBER: 08143866 FILING DATE: 10/27/1993  
PATENT NUMBER: 5620512 ISSUE DATE: 04/15/1997  
TITLE: DIAMOND FILM GROWTH FROM FULLERENE PRECURSORS

SERIAL NUMBER: 08598029 FILING DATE: 02/07/1996  
PATENT NUMBER: 5636619 ISSUE DATE: 06/10/1997  
TITLE: METHOD AND APPARATUS FOR REDUCING COLD-PHASE EMISSIONS BY UTILIZING  
OXYGEN-ENRICHED INTAKE AIR

SERIAL NUMBER: 08380922 FILING DATE: 01/31/1995  
PATENT NUMBER: 5645518 ISSUE DATE: 07/08/1997  
TITLE: METHOD FOR STABILIZING LOW-LEVEL MIXED WASTES AT ROOM TEMPERATURE

SERIAL NUMBER: 08710520 FILING DATE: 09/18/1996  
PATENT NUMBER: 5649517 ISSUE DATE: 07/22/1997  
TITLE: VARIABLE OXYGEN/NITROGEN ENRICHED INTAKE AIR SYSTEM FOR INTERNAL COMBUSTION ENGINE APPLICATIONS

SERIAL NUMBER: 08618625 FILING DATE: 03/19/1996  
PATENT NUMBER: 5653867 ISSUE DATE: 08/05/1997  
TITLE: METHOD FOR THE SEPARATION OF HIGH IMPACT POLYSTYRENE (HIPS) AND ACRYLONITRILE BUTADIENE STYRENE (ABS) PLASTICS

SERIAL NUMBER: 08486302 FILING DATE: 06/07/1995  
PATENT NUMBER: 5654683 ISSUE DATE: 08/05/1997  
TITLE: METHOD FOR OBTAINING LARGE LEVITATION PRESSURE IN SUPERCONDUCTING MAGNETIC BEARINGS

SERIAL NUMBER: 08317353 FILING DATE: 10/04/1994  
PATENT NUMBER: 5661113 ISSUE DATE: 08/26/1997  
TITLE: NEAR NET SHAPE PROCESSING OF CONTINUOUS LENGTHS OF SUPERCONDUCTING WIRE

SERIAL NUMBER: 08589857 FILING DATE: 01/22/1996  
PATENT NUMBER: 5674415 ISSUE DATE: 10/07/1997  
TITLE: METHOD AND APPARATUS FOR REAL TIME WELD MONITORING

SERIAL NUMBER: 08713833 FILING DATE: 09/13/1996  
PATENT NUMBER: 5689332 ISSUE DATE: 11/18/1997  
TITLE: AUTOMATED REAL-TIME DETECTION OF DEFECTS DURING MACHINING OF CERAMICS

SERIAL NUMBER: 08543522 FILING DATE: 10/16/1995  
PATENT NUMBER: 5723639 ISSUE DATE: 03/03/1998  
TITLE: ESTERIFICATION OF FERMENTATION-DERIVED ACIDS VIA PERVAPORATION

SERIAL NUMBER: 08749980 FILING DATE: 11/15/1996  
PATENT NUMBER: 5725218 ISSUE DATE: 03/10/1998  
TITLE: HIGH TEMPERATURE SEAL FOR JOINING CERAMICS AND METAL ALLOYS

SERIAL NUMBER: 08411711 FILING DATE: 06/02/1995  
PATENT NUMBER: 5741700 ISSUE DATE: 04/21/1998  
TITLE: METHOD OF IMMOBILIZING WATER-SOLUBLE BIOORGANIC COMPOUNDS ON A CAPILLARY-POROUS CARRIER

SERIAL NUMBER: 08411792 FILING DATE: 05/26/1995  
PATENT NUMBER: 5756050 ISSUE DATE: 05/26/1998  
TITLE: DEVICE OF DISPENSING MICRO DOSES OF AQUEOUS SOLUTIONS OF SUBSTANCES ONTO A CARRIER AND DEVICE FOR CARRYING OUT SAID METHOD

SERIAL NUMBER: 08556805 FILING DATE: 11/02/1995  
PATENT NUMBER: 5770435 ISSUE DATE: 06/23/1998  
TITLE: MUTANT E. COLI STRAIN WITH INCREASED SUCCINIC ACID PRODUCTION

SERIAL NUMBER: 08411794 FILING DATE: 05/19/1995  
PATENT NUMBER: 5770721 ISSUE DATE: 06/23/1998  
TITLE: METHOD OF MANUFACTURING A MATRIX FOR THE DETECTION OF MISMATCHES

SERIAL NUMBER: 08540916	FILING DATE: 10/11/1995
PATENT NUMBER: 5772760	ISSUE DATE: 06/30/1998
TITLE: METHOD FOR THE PREPARATION OF NANOCRYSTALLINE DIAMOND THIN FILMS	

SERIAL NUMBER: 08641979	FILING DATE: 05/01/1996
PATENT NUMBER: 5772863	ISSUE DATE: 06/30/1998
TITLE: ELECTROCATALYTIC CERMET SENSOR	

SERIAL NUMBER: 08834687	FILING DATE: 04/01/1997
PATENT NUMBER: 5776864	ISSUE DATE: 07/07/1998
TITLE: LARGE SINGLE DOMAIN 123 MATERIAL PRODUCED BY SEEDING WITH SINGLE CRYSTAL RARE EARTH BARIUM COPPER OXIDE SINGLE CRYSTALS	

SERIAL NUMBER: 08617284	FILING DATE: 03/18/1996
PATENT NUMBER: 5830815	ISSUE DATE: 11/03/1998
TITLE: METHOD OF WASTE STABILIZATION VIA CHEMICALLY BONDED PHOSPHATE CERAMICS	

SERIAL NUMBER: 08868176	FILING DATE: 06/03/1997
PATENT NUMBER: 584627	ISSUE DATE: 11/24/1998
TITLE: PSEUDO-CAPACITOR DEVICE FOR AQUEOUS ELECTROLYTES	

SERIAL NUMBER: 08619945	FILING DATE: 03/18/1996
PATENT NUMBER: 5846894	ISSUE DATE: 12/08/1998
TITLE: PHOSPHATE BONDED STRUCTURAL PRODUCTS FROM HIGH VOLUME WASTES	

SERIAL NUMBER: 08417154	FILING DATE: 04/04/1995
PATENT NUMBER: 5849079	ISSUE DATE: 12/15/1998
TITLE: DIAMOND FILM GROWTH ARGON-CARBON PLASMAS	

SERIAL NUMBER: 08593345	FILING DATE: 01/29/1996
PATENT NUMBER: 5851772	ISSUE DATE: 12/22/1998
TITLE: A MICROCHIP METHOD FOR THE ENRICHMENT OF SPECIFIC DNA SEQUENCES	

SERIAL NUMBER: 08592120	FILING DATE: 01/26/1996
PATENT NUMBER: 5861247	ISSUE DATE: 01/19/1999
TITLE: RAPID METHOD TO DETECT DUPLEX FORMATION IN SEQUENCING BY HYBRIDIZATION METHODS	

SERIAL NUMBER: 08762992	FILING DATE: 12/10/1996
PATENT NUMBER: 5869841	ISSUE DATE: 02/09/1999
TITLE: 3-DIMENSIONAL IMAGING SYSTEM USING CRYSTAL DIFFRACTION LENSES	

SERIAL NUMBER: 08692801	FILING DATE: 07/30/1996
PATENT NUMBER: 5882432	ISSUE DATE: 03/16/1999
TITLE: EFFICIENT CONTINUOUS DRYER FOR FLEXIBLE POLYURETHANE FOAM AND CLEANING APPARATUS	

SERIAL NUMBER: 08902115	FILING DATE: 07/29/1997
PATENT NUMBER: 5896200	ISSUE DATE: 04/20/1999
TITLE: OPTICAL DESIGN FOR LASER ENCODER RESOLUTION EXTENSION AND ANGULAR MEASUREMENT	

SERIAL NUMBER: 08684426 FILING DATE: 07/19/1996  
 PATENT NUMBER: 5902640 ISSUE DATE: 05/11/1999  
 TITLE: METHOD OF IMPROVING FIELD EMISSION CHARACTERISTICS OF DIAMOND THIN FILMS

SERIAL NUMBER: 08768893 FILING DATE: 12/17/1996  
 PATENT NUMBER: 5905024 ISSUE DATE: 05/18/1999  
 TITLE: METHOD FOR PERFORMING SITE-SPECIFIC AFFINITY FRACTIONATION FOR USE IN DNA SEQUENCING

SERIAL NUMBER: 08587332 FILING DATE: 01/16/1996  
 PATENT NUMBER: 5908745 ISSUE DATE: 06/01/1999  
 TITLE: USE OF CONTINUOUS/CONTIGUOUS STACKING HYBRIDIZATION AS A DIAGNOSTIC TOOL

SERIAL NUMBER: 09092190 FILING DATE: 06/05/1998  
 PATENT NUMBER: 5929286 ISSUE DATE: 07/27/1999  
 TITLE: PARTIAL OXIDATION CATALYST

SERIAL NUMBER: 08518541 FILING DATE: 08/23/1995  
 PATENT NUMBER: 5939025 ISSUE DATE: 08/17/1999  
 TITLE: METHANOL PARTIAL OXIDATION REFORMER

SERIAL NUMBER: 08909336 FILING DATE: 08/11/1997  
 PATENT NUMBER: 5942345 ISSUE DATE: 08/24/1999  
 TITLE: HIGH PERFORMANCE ELECTROLYTES FOR MCFC

SERIAL NUMBER: 09110373 FILING DATE: 07/06/1998  
 PATENT NUMBER: 5942346 ISSUE DATE: 08/24/1999  
 TITLE: METHANOL PARTIAL OXIDATION REFORMER

SERIAL NUMBER: 09061308 FILING DATE: 04/16/1998  
 PATENT NUMBER: 5962329 ISSUE DATE: 10/05/1999  
 TITLE: METHOD OF DISPENSING MICRODOSES OF AQUEOUS SOLUTIONS OF SUBSTANCES ONTO A CARRIER AND A DEVICE FOR CARRYING OUT SAID METHOD

SERIAL NUMBER: 08926941 FILING DATE: 09/10/1997  
 PATENT NUMBER: 5975493 ISSUE DATE: 11/09/1999  
 TITLE: PROCESS FOR CONTROLLING FLOW RATE OF VISCOUS MATERIALS INCLUDING USE OF A NOZZLE WITH CHANGEABLE OPENING

SERIAL NUMBER: 08895656 FILING DATE: 07/17/1997  
 PATENT NUMBER: 5981734 ISSUE DATE: 11/09/1999  
 TITLE: METHODS FOR IMMOBILIZING NUCLEIC ACIDS ON A GEL SUBSTRATE

SERIAL NUMBER: 08620932 FILING DATE: 03/22/1996  
 PATENT NUMBER: 5989511 ISSUE DATE: 11/23/1999  
 TITLE: SMOOTH DIAMOND FILMS AS LOW FRICTION, LONG WEAR SURFACES

SERIAL NUMBER: 09712819 FILING DATE: 11/13/2000  
 PATENT NUMBER: 6878521 ISSUE DATE: 04/12/2005  
 TITLE: FIBRIL-BLOCKING PEPTIDE, A METHOD FOR PREVENTING FIBRIL FORMATION

SERIAL NUMBER: 08438506 FILING DATE: 05/10/1995  
PATENT NUMBER: 6001562 ISSUE DATE: 12/14/1999  
TITLE: DNA SEQUENCE SIMILARITY RECOGNITION BY HYBRIDIZATION TO SHORT OLIGOMERS

SERIAL NUMBER: 08970024 FILING DATE: 11/13/1997  
PATENT NUMBER: 6013172 ISSUE DATE: 01/11/2000  
TITLE: METHODOLOGY FOR EXTRACTING LOCAL CONSTANTS FROM PETROLEUM CRACKING FLOWS

SERIAL NUMBER: 09102232 FILING DATE: 06/22/1998  
PATENT NUMBER: 6055808 ISSUE DATE: 05/02/2000  
TITLE: METHOD AND APPARATUS FOR REDUCING PARTICULATES AND NOX EMISSIONS FROM DIESEL ENGINES UTILIZING OXYGEN ENRICHED COMBUSTION AIR

SERIAL NUMBER: 08593937 FILING DATE: 01/30/1996  
PATENT NUMBER: 6058387 ISSUE DATE: 05/02/2000  
TITLE: DYNAMIC INFORMATION ARCHITECTURE SYSTEM AND METHOD

SERIAL NUMBER: 09129689 FILING DATE: 08/05/1998  
PATENT NUMBER: 6062069 ISSUE DATE: 05/16/2000  
TITLE: HIGH TEMPERATURE FOULING TEST UNIT

SERIAL NUMBER: 09045468 FILING DATE: 03/20/1998  
PATENT NUMBER: 6078600 ISSUE DATE: 06/20/2000  
TITLE: GENERATION AND USE OF HIGH POWER 213 NM AND 266 NM LASER RADIATION AND TUNABLE 210-400 NM LASER RADIATION WITH BBO CRYSTAL MATRIX ARRAY

SERIAL NUMBER: 09129960 FILING DATE: 08/06/1998  
PATENT NUMBER: 6083362 ISSUE DATE: 07/04/2000  
TITLE: DIMENSIONALLY STABLE ANODE FOR ELECTROLYSIS, METHOD FOR MAINTAINING DIMENSIONS OF ANODE DURING ELECTROLYSIS

SERIAL NUMBER: 08855372 FILING DATE: 05/13/1997  
PATENT NUMBER: 6090549 ISSUE DATE: 07/18/2000  
TITLE: USE OF CONTINUOUS/CONTIGUOUS STACKING HYBRIDIZATION AS A DIAGNOSTIC TOOL

SERIAL NUMBER: 09183141 FILING DATE: 10/30/1998  
PATENT NUMBER: 6097118 ISSUE DATE: 08/01/2000  
TITLE: RELUCTANCE APPARATUS FOR FLYWHEEL ENERGY STORAGE

SERIAL NUMBER: 09198356 FILING DATE: 11/24/1998  
PATENT NUMBER: 6110621 ISSUE DATE: 08/29/2000  
TITLE: CARBONS FOR LITHIUM BATTERIES PREPARED USING SEPIOLITE AS AN INORGANIC TEMPLATE

SERIAL NUMBER: 08867556 FILING DATE: 06/02/1997  
PATENT NUMBER: 6110861 ISSUE DATE: 08/29/2000  
TITLE: PARTIAL OXIDATION CATALYST



SERIAL NUMBER: 09010424	FILING DATE: 01/21/1998
PATENT NUMBER: 6117808	ISSUE DATE: 09/12/2000
TITLE: IMPROVED DENSE CERAMIC MEMBRANE MATERIAL FOR CONVERSION OF METHANE TO SYNGAS	
SERIAL NUMBER: 09099959	FILING DATE: 06/19/1998
PATENT NUMBER: 6143499	ISSUE DATE: 11/07/2000
TITLE: MINIATURIZED REACTION VESSEL SYSTEM METHOD PERFORMING SITE-SPECIFIC BIOCHEMICAL REACTIONS AND AFFINITY FRACTIONATION FOR USE IN DNA SEQUENCING	
SERIAL NUMBER: 08997758	FILING DATE: 12/24/1997
PATENT NUMBER: 6153398	ISSUE DATE: 11/28/2000
TITLE: METHOD TO IDENTIFY SPECIFIC INHIBITORS OF IMP DEHYDROGENASE	
SERIAL NUMBER: 08247566	FILING DATE: 05/23/1994
PATENT NUMBER: 6153958	ISSUE DATE: 11/28/2000
TITLE: BEARING DESIGN FOR FLYWHEEL ENERGY STORAGE USING HIGH-TC SUPERCONDUCTORS	
SERIAL NUMBER: 09067931	FILING DATE: 04/28/1998
PATENT NUMBER: 6159738	ISSUE DATE: 12/12/2000
TITLE: METHOD FOR CONSTRUCTION OF BACTERIAL STRAINS WITH INCREASED SUCCINIC ACID PRODUCTION	
SERIAL NUMBER: 08898478	FILING DATE: 07/21/1997
PATENT NUMBER: 6169352	ISSUE DATE: 01/02/2001
TITLE: TRAPPED FIELD INTERNAL DIPOLE SUPERCONDUCTING MOTOR GENERATOR	
SERIAL NUMBER: 09316449	FILING DATE: 05/21/1999
PATENT NUMBER: 6172121	ISSUE DATE: 01/09/2001
TITLE: PROCESS FOR PREPARING ORGANOCCLAYS FOR AQUEOUS AND POLAR-ORGANIC SYSTEMS	
SERIAL NUMBER: 09152578	FILING DATE: 09/14/1998
PATENT NUMBER: 6173567	ISSUE DATE: 01/16/2001
TITLE: METHOD TO REDUCE DIESEL ENGINE EXHAUST EMISSIONS	
SERIAL NUMBER: 09336791	FILING DATE: 06/21/1999
PATENT NUMBER: 6173663	ISSUE DATE: 01/16/2001
TITLE: CARBON DIOXIDE REMEDIATION VIA OXYGEN-ENRICHED COMBUSTION USING DENSE CERAMIC MEMBRANES	
SERIAL NUMBER: 09360553	FILING DATE: 07/26/1999
PATENT NUMBER: 6191583	ISSUE DATE: 02/20/2001
TITLE: NUCLEAR MAGNETIC RESONANCE DETECTOR USED FOR REDUCING PROBE RINGING	
SERIAL NUMBER: 08852001	FILING DATE: 05/06/1997
PATENT NUMBER: 6197556	ISSUE DATE: 03/06/2001
TITLE: NUCLEIC ACID AMPLIFICATION USING MODULAR BRANCHED PRIMERS	
SERIAL NUMBER: 09124822	FILING DATE: 07/29/1998
PATENT NUMBER: 6204214	ISSUE DATE: 03/20/2001
TITLE: PUMPABLE/INJECTABLE PHOSPHATE-BONDED CERAMICS	

SERIAL NUMBER: 09199002	FILING DATE: 11/24/1998
PATENT NUMBER: 6221275	ISSUE DATE: 04/24/2001
TITLE: ENHANCED HEAT TRANSFER USING NANOFUIDS	
SERIAL NUMBER: 09349819	FILING DATE: 07/08/1999
PATENT NUMBER: 6221531	ISSUE DATE: 04/24/2001
TITLE: LITHIUM-TITANIUM-OXIDE ANODES FOR LITHIUM BATTERIES	
SERIAL NUMBER: 09130510	FILING DATE: 08/06/1998
PATENT NUMBER: 6234115	ISSUE DATE: 05/22/2001
TITLE: NESTING BOX FOR EXCRETA COLLECTION FROM NESTING DAMS THROUGH PARTURITION AND LACTATION	
SERIAL NUMBER: 09264466	FILING DATE: 03/08/1999
PATENT NUMBER: 6235889	ISSUE DATE: 05/22/2001
TITLE: NUCLEIC ACID AMPLIFICATION USING MODULAR BRANCHED PRIMERS	
SERIAL NUMBER: 08662515	FILING DATE: 06/13/1996
PATENT NUMBER: 6240619	ISSUE DATE: 06/05/2001
TITLE: THERMOMECHANICAL MEANS TO IMPROVE THE CRITICAL CURRENT DENSITY OF BSCCO TAPES	
SERIAL NUMBER: 09585770	FILING DATE: 06/02/2000
PATENT NUMBER: 6244052	ISSUE DATE: 06/12/2001
TITLE: METHOD AND APPARATUS FOR PRODUCING PHASE CHANGE ICE PARTICULATE PERFLUOROCARBON SLURRIES	
SERIAL NUMBER: 09110425	FILING DATE: 07/06/1998
PATENT NUMBER: 6244367	ISSUE DATE: 06/12/2001
TITLE: MMETHANOL PARTIAL OXIDATION REFORMER	
SERIAL NUMBER: 09550835	FILING DATE: 04/18/2000
PATENT NUMBER: 6249453	ISSUE DATE: 06/19/2001
TITLE: VOLTAGE CONTROLLED SPINTRONIC DEVICES FOR LOGIC APPLICATIONS	
SERIAL NUMBER: 09349322	FILING DATE: 07/08/1999
PATENT NUMBER: 6253096	ISSUE DATE: 06/26/2001
TITLE: SHIELDED HIGH-TC BSCCO TAPES OR WIRES FOR HIGH FIELD APPLICATIONS	
SERIAL NUMBER: 09200159	FILING DATE: 11/25/1998
PATENT NUMBER: 6271130	ISSUE DATE: 08/07/2001
TITLE: SEMICONDUCTOR ASSISTED METAL DEPOSITION FOR NANOLITHOGRAPHY APPLICATION	
SERIAL NUMBER: 09467808	FILING DATE: 12/20/1999
PATENT NUMBER: 6272036	ISSUE DATE: 08/07/2001
TITLE: CONTROL OF MAGNETIC DIRECTION IN MULTI-LAYER FERROMAGNETIC DEVICES BY BIAS VOLTAGE	
SERIAL NUMBER: 09428505	FILING DATE: 10/27/1999
PATENT NUMBER: 6279378	ISSUE DATE: 08/28/2001
TITLE: ULTRASONIC GAS ANALYZER AND METHOD TO ANALYZE TRACE GASES	

SERIAL NUMBER: 09330727 FILING DATE: 06/11/1999  
PATENT NUMBER: 6285449 ISSUE DATE: 09/04/2001  
TITLE: OPTICAL METHOD AND APPARATUS FOR DETECTION OF DEFECTS AND  
MICROSTRUCTURAL CHANGES IN CERAMICS AND CERAMIC COATINGS

SERIAL NUMBER: 09573575 FILING DATE: 05/18/2000  
PATENT NUMBER: 6294074 ISSUE DATE: 09/25/2001  
TITLE: ELECTRODE DESIGN FOR CORROSION MONITORING USING ELECTROCHEMICAL  
NOISE MEASUREMENTS

SERIAL NUMBER: 09382737 FILING DATE: 08/24/1999  
PATENT NUMBER: 6303098 ISSUE DATE: 10/16/2001  
TITLE: STEAM REFORMING CATALYST

SERIAL NUMBER: 07972426 FILING DATE: 11/05/1992  
PATENT NUMBER: 6329436 ISSUE DATE: 12/11/2001  
TITLE: PROCESS TO RECYCLE SHREDDER RESIDUE

SERIAL NUMBER: 09182927 FILING DATE: 10/30/1998  
PATENT NUMBER: 6329635 ISSUE DATE: 12/11/2001  
TITLE: METHODS FOR WELD MONITORING AND LASER HEAT TREATMENT MONITORING

SERIAL NUMBER: 09515814 FILING DATE: 02/29/2000  
PATENT NUMBER: 6329661 ISSUE DATE: 12/11/2001  
TITLE: BIOCHIP SCANNER DEVICE

SERIAL NUMBER: 09621272 FILING DATE: 07/20/2000  
PATENT NUMBER: 6361598 ISSUE DATE: 03/26/2002  
TITLE: METHOD FOR PREPARING HIGH TEMPERATURE SUPERCONDUCTOR

SERIAL NUMBER: 09616419 FILING DATE: 07/14/2000  
PATENT NUMBER: 6364923 ISSUE DATE: 04/02/2002  
TITLE: METHOD AND APPARATUS FOR THE CLEAN REPLACEMENT OF CONTAMINATED HEPA  
FILTERS

SERIAL NUMBER: 09569538 FILING DATE: 05/12/2000  
PATENT NUMBER: 6375813 ISSUE DATE: 04/23/2002  
TITLE: A DIMENSIONALLY STABLE ANODE FOR ELECTROLYSIS, METHOD FOR  
MAINTAINING DIMENSIONS OF ANODE DURING ELECTROLYSIS

SERIAL NUMBER: 09532728 FILING DATE: 03/22/2000  
PATENT NUMBER: 6383282 ISSUE DATE: 05/07/2002  
TITLE: PSEUDOPHASIC EXTRACTION METHOD FOR THE SEPARATION OF ULTRA-FINE  
MINERALS

SERIAL NUMBER: 09648693 FILING DATE: 08/25/2000  
PATENT NUMBER: 6397489 ISSUE DATE: 06/04/2002  
TITLE: MULTIPORT CYLINDER DRYER WITH LOW THERMAL RESISTANCE AND HIGH HEAT  
TRANSFER

SERIAL NUMBER: 09489983 FILING DATE: 01/21/2000  
PATENT NUMBER: 6403018 ISSUE DATE: 06/11/2002  
TITLE: METHOD FOR FABRICATING CERAMIC COMPOSITES

SERIAL NUMBER: 09515290 FILING DATE: 02/29/2000  
PATENT NUMBER: 6407395 ISSUE DATE: 06/18/2002  
TITLE: PORTABLE BIOCHIP SCANNER DEVICE

SERIAL NUMBER: 09619934 FILING DATE: 07/20/2000  
PATENT NUMBER: 6410487 ISSUE DATE: 06/25/2002  
TITLE: LARGE AREA BULK SUPERCONDUCTORS

SERIAL NUMBER: 09858791 FILING DATE: 05/16/2001  
PATENT NUMBER: 6410935 ISSUE DATE: 06/25/2002  
TITLE: SEMICONDUCTOR ASSISTED METAL DEPOSITION FOR NANOLITHOGRAPHY APPLICATIONS

SERIAL NUMBER: 09586576 FILING DATE: 06/02/2000  
PATENT NUMBER: 6413444 ISSUE DATE: 07/02/2002  
TITLE: METHODS AND APPARATUS FOR PRODUCING PHASE CHANGE ICE PARTICULATE SALINE SLURRIES

SERIAL NUMBER: 09543992 FILING DATE: 04/06/2000  
PATENT NUMBER: 6422077 ISSUE DATE: 07/23/2002  
TITLE: ULTRANANOCRYSTALLINE DIAMOND CANTILEVER WIDE DYNAMIC RANGE ACCELERATION/VIBRATION/PRESSURE SENSOR

SERIAL NUMBER: 09498851 FILING DATE: 02/07/2000  
PATENT NUMBER: 6440671 ISSUE DATE: 08/27/2002  
TITLE: USE OF CONTINUOUS/CONTIGUOUS STACKING HYBRIDIZATION AS A DIAGNOSTIC TOOL

SERIAL NUMBER: 09352063 FILING DATE: 07/14/1999  
PATENT NUMBER: 6447851 ISSUE DATE: 09/10/2002  
TITLE: FIELD EMISSION FROM BIAS-GROWN DIAMOND THIN FILMS IN A MICROWAVE PLASMA

SERIAL NUMBER: 09568890 FILING DATE: 05/11/2000  
PATENT NUMBER: 6455166 ISSUE DATE: 09/24/2002  
TITLE: METALLIC SUBSTRATES FOR HIGH TEMPERATURE SUPERCONDUCTORS

SERIAL NUMBER: 09653672 FILING DATE: 09/01/2000  
PATENT NUMBER: 6455352 ISSUE DATE: 09/24/2002  
TITLE: PIN ARRAY ASSEMBLY AND METHOD OF MANUFACTURE

SERIAL NUMBER: 09261115 FILING DATE: 03/03/1999  
PATENT NUMBER: 6458584 ISSUE DATE: 10/01/2002  
TITLE: CUSTOMIZED OLIGONUCLEOTIDE MICROCHIPS THAT CONVERT MULTIPLE GENETIC INFORMATION TO SIMPLE PATTERNS, ARE PORTABLE AND REUSABLE

SERIAL NUMBER: 09667904 FILING DATE: 09/22/2000  
PATENT NUMBER: 6459771 ISSUE DATE: 10/01/2002  
TITLE: METHOD FOR FABRICATING PRECISION FOCUSING X-RAY COLLIMATORS

SERIAL NUMBER: 09589329 FILING DATE: 06/07/2000  
PATENT NUMBER: 6461491 ISSUE DATE: 10/08/2002  
TITLE: METHOD AND APPARATUS FOR ELECTRODIALYSIS PROCESSING

SERIAL NUMBER: 09664838	FILING DATE: 09/19/2000
PATENT NUMBER: 6464880	ISSUE DATE: 10/15/2002
TITLE: MICROPOROUS IONOMERIC MATERIALS AND METHODS OF PREPARATION	
SERIAL NUMBER: 09127313	FILING DATE: 07/31/1998
PATENT NUMBER: 6465174	ISSUE DATE: 10/15/2002
TITLE: RAPID METHOD TO DETECT DUPLEX FORMATION IN SEQUENCING BY HYBRIDIZATION METHODS, A METHOD FOR CONSTRUCTING CONTAINMENT STRUCTURES FOR REAGENT INTERACTION	
SERIAL NUMBER: 09775345	FILING DATE: 02/01/2001
PATENT NUMBER: 6465216	ISSUE DATE: 10/15/2002
TITLE: METHODS AND CONSTRUCTS FOR EXPRESSION OF FOREIGN PROTEINS IN PHOTOSYNTHETIC ORGANISMS	
SERIAL NUMBER: 09842502	FILING DATE: 04/26/2001
PATENT NUMBER: 6466805	ISSUE DATE: 10/15/2002
TITLE: SHIELDED HIGH-TC BSOCO TAPES OR WIRES FOR HIGH FIELD APPLICATIONS	
SERIAL NUMBER: 09590460	FILING DATE: 06/09/2000
PATENT NUMBER: 6468499	ISSUE DATE: 10/22/2002
TITLE: METHOD OF GENERATING HYDROGEN BY CATALYTIC DECOMPOSITION OF WATER	
SERIAL NUMBER: 09631156	FILING DATE: 08/03/2000
PATENT NUMBER: 6469507	ISSUE DATE: 10/22/2002
TITLE: FLAT METAL CONDUCTOR PRINCIPAL DETECTOR ELEMENT FOR NMR ANALYSIS OF A SAMPLE	
SERIAL NUMBER: 09539961	FILING DATE: 03/31/2000
PATENT NUMBER: 6484133	ISSUE DATE: 11/19/2002
TITLE: SENSOR RESPONSE RATE ACCELERATOR	
SERIAL NUMBER: 09632873	FILING DATE: 08/04/2000
PATENT NUMBER: 6485541	ISSUE DATE: 11/26/2002
TITLE: METHOD TO DECREASE LOSS OF ALUMINUM AND MAGNESIUM MELTS	
SERIAL NUMBER: 09274163	FILING DATE: 03/22/1999
PATENT NUMBER: 6485943	ISSUE DATE: 11/26/2002
TITLE: A METHOD FOR ALTERING ANTIBODY LIGHT CHAIN INTERACTIONS	
SERIAL NUMBER: 09806683	FILING DATE: 07/12/2001
PATENT NUMBER: 6495014	ISSUE DATE: 12/17/2002
TITLE: ELECTRODEIONIZATION SUBSTRATE, AND DEVICE FOR ELECTRODEIONIZATION TREATMENT	
SERIAL NUMBER: 09751655	FILING DATE: 12/29/2000
PATENT NUMBER: 6498119	ISSUE DATE: 12/24/2002
TITLE: CHEMICALLY BONDED PHOSPHATE CERAMICS OF TRIVALENT OXIDES OF IRON AND MANGANESE	
SERIAL NUMBER: 09685495	FILING DATE: 10/10/2000
PATENT NUMBER: 6504077	ISSUE DATE: 01/07/2003
TITLE: METHOD FOR THE DECONTAMINATION OF METALLIC SURFACES	

SERIAL NUMBER: 09379401 FILING DATE: 08/24/1999  
PATENT NUMBER: 6507774 ISSUE DATE: 01/14/2003  
TITLE: INTELLIGENT EMISSIONS CONTROLLER FOR SUBSTANCE INJECTION IN THE  
POST-PRIMARY COMBUSTION ZONE OF FOSSIL-FIRED BOILERS

SERIAL NUMBER: 09784597 FILING DATE: 02/15/2001  
PATENT NUMBER: 6517236 ISSUE DATE: 02/11/2003  
TITLE: METHOD AND APPARATUS FOR AUTOMATED THERMAL IMAGING OF COMBUSTOR  
LINERS AND OTHER PRODUCTS

SERIAL NUMBER: 09664490 FILING DATE: 09/18/2000  
PATENT NUMBER: 6518212 ISSUE DATE: 02/11/2003  
TITLE: CHEMICALLY BONDED PHOSPHO-SILICATE CERAMICS

SERIAL NUMBER: 09587008 FILING DATE: 06/05/2000  
PATENT NUMBER: 6519535 ISSUE DATE: 02/11/2003  
TITLE: EDDY CURRENT TECHNIQUE FOR PREDICTING BURST PRESSURE

SERIAL NUMBER: 09344859 FILING DATE: 06/28/1999  
PATENT NUMBER: 6521202 ISSUE DATE: 02/18/2003  
TITLE: OXYGEN ION CONDUCTING MATERIALS

SERIAL NUMBER: 09717590 FILING DATE: 11/21/2000  
PATENT NUMBER: 6521678 ISSUE DATE: 02/18/2003  
TITLE: PROCESS FOR THE PREPARATION OF ORGANOCILAYS FROM CLAYS

SERIAL NUMBER: 09622617 FILING DATE: 10/26/2000  
PATENT NUMBER: 6528208 ISSUE DATE: 03/04/2003  
TITLE: NOVEL ANODES FOR RECHARGEABLE LITHIUM BATTERIES

SERIAL NUMBER: 09627808 FILING DATE: 07/28/2000  
PATENT NUMBER: 6537575 ISSUE DATE: 03/25/2003  
TITLE: SYNTHETIC BIOLOGICAL MEMBRANE WITH SELF ORGANIZING PROPERTIES

SERIAL NUMBER: 10156174 FILING DATE: 05/28/2002  
PATENT NUMBER: 6538444 ISSUE DATE: 03/25/2003  
TITLE: TWO DIMENSIONAL B1-GRADIENT NMR IMAGER

SERIAL NUMBER: 09766214 FILING DATE: 01/19/2001  
PATENT NUMBER: 6542849 ISSUE DATE: 04/01/2003  
TITLE: METHOD FOR DETERMINING DEFECT DEPTH USING THERMAL IMAGING

SERIAL NUMBER: 09808632 FILING DATE: 03/14/2001  
PATENT NUMBER: 6548173 ISSUE DATE: 04/15/2003  
TITLE: METHOD TO PRODUCE ULTRA-LOW FRICTION CARBON FILMS

SERIAL NUMBER: 09920492 FILING DATE: 08/01/2001  
PATENT NUMBER: 6548810 ISSUE DATE: 04/15/2003  
TITLE: SCANNING CONFOCAL ELECTRON MICROSCOPE

SERIAL NUMBER: 09905509 FILING DATE: 07/13/2001  
PATENT NUMBER: 6579360 ISSUE DATE: 06/17/2003  
TITLE: FABRICATION OF HIGH TEMPERATURE SUPERCONDUCTORS

SERIAL NUMBER: 09255919	FILING DATE: 02/23/1999
PATENT NUMBER: 6592839	ISSUE DATE: 07/15/2003
TITLE: TAILORING NANOCRYSTALLINE DIAMOND FILM PROPERTIES	
SERIAL NUMBER: 09665958	FILING DATE: 09/21/2000
PATENT NUMBER: 6596994	ISSUE DATE: 07/22/2003
TITLE: BEAM POSITION MONITOR	
SERIAL NUMBER: 09690904	FILING DATE: 10/18/2000
PATENT NUMBER: 6559950	ISSUE DATE: 05/06/2003
TITLE: OPTICAL METHOD FOR CHARACTERIZING A COLLOIDAL SUSPENSION	
SERIAL NUMBER: 09930699	FILING DATE: 08/15/2001
PATENT NUMBER: 6607840	ISSUE DATE: 08/19/2003
TITLE: REDUNDANTLY CONSTRAINED LAMINAR STRUCTURE AS WEAK-LINK MECHANISMS	
SERIAL NUMBER: 10142814	FILING DATE: 05/09/2002
PATENT NUMBER: 6613601	ISSUE DATE: 09/02/2003
TITLE: ULTRANANOCRYSTALLINE DIAMOND CANTILEVER WIDE DYNAMIC RANGE ACCELERATION/VIBRATION/PRESSURE SENSOR	
SERIAL NUMBER: 10139842	FILING DATE: 05/06/2002
PATENT NUMBER: 6620623	ISSUE DATE: 09/16/2003
TITLE: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY POSITIONING APPARATUS	
SERIAL NUMBER: 09790961	FILING DATE: 02/22/2001
PATENT NUMBER: 6630819	ISSUE DATE: 10/07/2003
TITLE: MAGNETO-OPTIC CURRENT SENSOR	
SERIAL NUMBER: 09696050	FILING DATE: 10/25/2000
PATENT NUMBER: 6638895	ISSUE DATE: 10/28/2003
TITLE: METHOD FOR FABRICATING HIGH ASPECT RATIO STRUCTURES IN PEROVSKITE MATERIAL	
SERIAL NUMBER: 09559306	FILING DATE: 04/25/2000
PATENT NUMBER: 6642000	ISSUE DATE: 11/04/2003
TITLE: PCR AMPLIFICATION ON MICROARRAYS OF GEL IMMOBILIZED OLIGONUCLEOTIDES	
SERIAL NUMBER: 09930865	FILING DATE: 08/15/2001
PATENT NUMBER: 6656725	ISSUE DATE: 12/02/2003
TITLE: METHOD OF FABRICATION OF MICROARRAY OF GEL-IMMOBILIZED COMPOUNDS ON A CHIP BY COPOLYMERIZATION	
SERIAL NUMBER: 10095597	FILING DATE: 03/11/2002
PATENT NUMBER: 6668763	ISSUE DATE: 12/30/2003
TITLE: PROCESS FOR IN-SITU PRODUCTION OF HYDROGEN (H <sub>2</sub> ) BY ALCOHOL DECOMPOSITION FOR EMISSION REDUCTION FROM INTERNAL COMBUSTION ENGINES	
SERIAL NUMBER: 09851843	FILING DATE: 05/09/2001
PATENT NUMBER: 6670305	ISSUE DATE: 12/30/2003
TITLE: FREE-STANDING MONOLITHIC CATALYST WITH MICRO-SCALE CHANNEL DIMENSIONS	

SERIAL NUMBER: 10247869 FILING DATE: 09/20/2002  
PATENT NUMBER: 6674283 ISSUE DATE: 01/06/2004  
TITLE: NUCLEAR MAGNETIC RESONANCE IMAGING APPARATUS

SERIAL NUMBER: 09887842 FILING DATE: 06/21/2001  
PATENT NUMBER: 6677082 ISSUE DATE: 01/13/2004  
TITLE: LITHIUM METAL OXIDE ELECTRODES FOR LITHIUM CELLS AND BATTERIES

SERIAL NUMBER: 09606429 FILING DATE: 06/28/2000  
PATENT NUMBER: 6677606 ISSUE DATE: 01/13/2004  
TITLE: DOPA AND DOPAMINE MODIFICATION OF METAL OXIDE SEMICONDUCTORS,  
METHOD FOR ATTACHING BIOLOGICAL MOLECULES TO SEMICONDUCTORS

SERIAL NUMBER: 09989844 FILING DATE: 11/21/2001  
PATENT NUMBER: 6680143 ISSUE DATE: 01/20/2004  
TITLE: LITHIUM METAL OXIDE ELECTRODES FOR LITHIUM CELLS AND BATTERIES

SERIAL NUMBER: 09833168 FILING DATE: 04/11/2001  
PATENT NUMBER: 6691554 ISSUE DATE: 02/17/2004  
TITLE: NANOCRYSTALLINE FILMS FOR GAS-REACTIVE APPLICATIONS

SERIAL NUMBER: 09645246 FILING DATE: 08/24/2000  
PATENT NUMBER: 6692972 ISSUE DATE: 02/17/2004  
TITLE: DEVICE FOR PRODUCING MICROSCOPIC ARRAYS OF MOLECULES, A METHOD FOR  
PRODUCING MICROSCOPIC ARRAYS OF MOLECULES

SERIAL NUMBER: 09767104 FILING DATE: 01/22/2001  
PATENT NUMBER: 6700662 ISSUE DATE: 03/02/2004  
TITLE: PORTABLE LII BASED INSTRUMENT AND METHOD FOR PARTICULATE  
CHARACTERIZATION IN COMBUSTION EXHAUST

SERIAL NUMBER: 09816676 FILING DATE: 03/23/2001  
PATENT NUMBER: 6713040 ISSUE DATE: 03/30/2004  
TITLE: METHOD FOR GENERATING HYDROGEN FOR FUEL CELLS

SERIAL NUMBER: 10243559 FILING DATE: 09/13/2002  
PATENT NUMBER: 6718009 ISSUE DATE: 04/06/2004  
TITLE: METHOD OF MAKING OF COMPOUND X-RAY LENSES AND VARIABLE FOCUS X-RAY  
LENS ASSEMBLY

SERIAL NUMBER: 10177189 FILING DATE: 06/21/2002  
PATENT NUMBER: 6720769 ISSUE DATE: 04/13/2004  
TITLE: ROTATIONAL EXCHANGE GRADIENT IMAGER FOR IN SITU MAGNETIC RESONANCE  
ANALYSES IN ULTRACENTRIFUGE SEDIMENTATION OF BIOLOGICAL MATERIALS  
AND RHEOLOGY INVESTIGATIONS

SERIAL NUMBER: 10245039 FILING DATE: 09/17/2002  
PATENT NUMBER: 6726893 ISSUE DATE: 04/27/2004  
TITLE: HYDROGEN PRODUCTION BY HIGH-TEMPERATURE WATER SPLITTING USING  
ELECTRON-CONDUCTING MEMBRANES



SERIAL NUMBER: 09885539	FILING DATE: 06/21/2001
PATENT NUMBER: 6729801	ISSUE DATE: 05/04/2004
TITLE: SYSTEM AND METHOD FOR DETECTING CONTAMINATION USING VEGETATION SAMPLING	
SERIAL NUMBER: 10008885	FILING DATE: 11/08/2001
PATENT NUMBER: 6730429	ISSUE DATE: 05/04/2004
TITLE: INTERMETALLIC NEGATIVE ELECTRODES FOR NON-AQUEOUS LITHIUM CELLS AND BATTERIES	
SERIAL NUMBER: 10232176	FILING DATE: 08/30/2002
PATENT NUMBER: 6730912	ISSUE DATE: 05/04/2004
TITLE: METHOD AND APPARATUS FOR DETECTING NORMAL CRACKS USING INFRARED THERMAL IMAGING	
SERIAL NUMBER: 09823949	FILING DATE: 03/30/2001
PATENT NUMBER: 6743610	ISSUE DATE: 06/01/2004
TITLE: METHOD TO PRODUCE SUCCINIC ACID FROM RAW HYDROLYSATES	
SERIAL NUMBER: 10015373	FILING DATE: 12/12/2001
PATENT NUMBER: 6751075	ISSUE DATE: 06/15/2004
TITLE: SUPERCONDUCTING FAULT CURRENT CONTROLLER/CURRENT CONTROLLER	
SERIAL NUMBER: 09973302	FILING DATE: 10/09/2001
PATENT NUMBER: 6762233	ISSUE DATE: 07/13/2004
TITLE: LIQUID CRYSTALLINE COMPOSITES CONTAINING PHYLLOSILICATES	
SERIAL NUMBER: 10235556	FILING DATE: 09/06/2002
PATENT NUMBER: 6763901	ISSUE DATE: 07/20/2004
TITLE: AIR DELIVERY SYSTEM FOR A DIRECT PUSH DRILLING SWIVEL	
SERIAL NUMBER: 10012839	FILING DATE: 11/30/2001
PATENT NUMBER: 6776837	ISSUE DATE: 08/17/2004
TITLE: FORMATION OF CHEMICALLY BONDED CERAMICS WITH MAGNESIUM DIHYDROGEN PHOSPHATE BINDER	
SERIAL NUMBER: 10226202	FILING DATE: 08/23/2002
PATENT NUMBER: 6782321	ISSUE DATE: 08/24/2004
TITLE: METHOD FOR PERFORMING ENVIRONMENTAL SITE CHARACTERIZATION	
SERIAL NUMBER: 10027241	FILING DATE: 12/20/2001
PATENT NUMBER: 6783561	ISSUE DATE: 08/31/2004
TITLE: METHOD TO IMPROVE LUBRICITY OF LOW-SULFUR DIESEL AND GASOLINE FUELS	
SERIAL NUMBER: 10386847	FILING DATE: 03/12/2003
PATENT NUMBER: 6788064	ISSUE DATE: 09/07/2004
TITLE: PASSIVELY SHIMMED PRINCIPAL DETECTOR ELEMENTS FOR TOROID CAVITY DETECTOR NMR PROBES	
SERIAL NUMBER: 10100381	FILING DATE: 03/18/2002
PATENT NUMBER: 6790896	ISSUE DATE: 09/14/2004
TITLE: COMPOSITE MATERIALS WITH IMPROVED PHYLLOSILICATE DISPERSION	

SERIAL NUMBER: 10313291	FILING DATE: 12/06/2002
PATENT NUMBER: 6791326	ISSUE DATE: 09/14/2004
TITLE: NMR DETECTOR FOR SUPPORTED MONOLAYER AND MULTILAYER FILMS	
SERIAL NUMBER: 10398427	FILING DATE: 12/12/2003
PATENT NUMBER: 6793849	ISSUE DATE: 09/21/2004
TITLE: N-TYPE DOPING OF NANOCRYSTALLINE DIAMOND FILMS WITH NITROGEN AND ELECTRODES MADE THEREFROM	
SERIAL NUMBER: 10213721	FILING DATE: 08/06/2002
PATENT NUMBER: 6797140	ISSUE DATE: 09/28/2004
TITLE: ELECTRODIONIZATION METHOD	
SERIAL NUMBER: 10169879	FILING DATE: 11/08/2002
PATENT NUMBER: 6811612	ISSUE DATE: 11/02/2004
TITLE: PATTERNING OF NANOCRYSTALLINE DIAMOND FILMS FOR DIAMOND MICROSTRUCTURES USEFUL IN MEMS AND OTHER DEVICES	
SERIAL NUMBER: 10235532	FILING DATE: 09/06/2002
PATENT NUMBER: 6814166	ISSUE DATE: 11/09/2004
TITLE: DIRECT PUSH DRILLING SWIVEL AND METHOD FOR ITS USE	
SERIAL NUMBER: 09751654	FILING DATE: 12/29/2000
PATENT NUMBER: 6818398	ISSUE DATE: 11/16/2004
TITLE: COLUMN DEVICE FOR ISOLATION AND LABELING OF NUCLEIC ACIDS	
SERIAL NUMBER: 10327502	FILING DATE: 12/20/2002
PATENT NUMBER: 6821498	ISSUE DATE: 11/23/2004
TITLE: OXYGEN ION CONDUCTING MATERIALS	
SERIAL NUMBER: 10078992	FILING DATE: 02/20/2002
PATENT NUMBER: 6822035	ISSUE DATE: 11/23/2004
TITLE: PROCESS FOR THE PREPARATION OF ORGANOCCLAYS	
SERIAL NUMBER: 10610192	FILING DATE: 06/30/2003
PATENT NUMBER: 6822733	ISSUE DATE: 11/23/2004
TITLE: OPTICAL DESIGN FOR LASER ENCODER RESOLUTION EXTENSION WITH THREE-DIMENSIONAL MOTION DECOUPLING	
SERIAL NUMBER: 09533466	FILING DATE: 03/23/2000
PATENT NUMBER: 6826488	ISSUE DATE: 11/30/2004
TITLE: CRYSTALS, MOLECULAR COMPLEXES, AND METHODS OF DEVELOPING LEAD COMPOUNDS FOR INHIBITORS OF BACTERIAL IMPDH	
SERIAL NUMBER: 09916458	FILING DATE: 07/27/2001
PATENT NUMBER: 6831933	ISSUE DATE: 12/14/2004
TITLE: MODULAR APPROACH TO THE NEXT GENERATION, SHORT WAVELENGTH, LASER-LIKE LIGHT SOURCES	
SERIAL NUMBER: 09865953	FILING DATE: 05/25/2001
PATENT NUMBER: 6839655	ISSUE DATE: 01/04/2005
TITLE: SYSTEM FOR MONITORING NON-COINCIDENT, NONSTATIONARY PROCESS SIGNALS	

SERIAL NUMBER: 10167832 FILING DATE: 06/12/2002  
PATENT NUMBER: 6843960 ISSUE DATE: 01/18/2005  
TITLE: COMPOSITIONALLY GRADED METALLIC PLATES FOR PLANAR SOLID OXIDE FUEL CELLS

SERIAL NUMBER: 10068230 FILING DATE: 02/04/2002  
PATENT NUMBER: 6855460 ISSUE DATE: 02/15/2005  
TITLE: NEGATIVE ELECTRODES FOR LITHIUM CELLS AND BATTERIES

SERIAL NUMBER: 10118788 FILING DATE: 04/09/2002  
PATENT NUMBER: 6858345 ISSUE DATE: 02/22/2005  
TITLE: WOUND BIPOLAR LITHIUM POLYMER BATTERIES

SERIAL NUMBER: 10458344 FILING DATE: 06/10/2003  
PATENT NUMBER: 6869983 ISSUE DATE: 03/22/2005  
TITLE: SPATIALLY CONTROLLED, IN SITU SYNTHESIS OF POLYMERS

SERIAL NUMBER: 10031525 FILING DATE: 04/09/2002  
PATENT NUMBER: 6894006 ISSUE DATE: 05/17/2005  
TITLE: METHOD FOR FORMING BISMUTH - BASED SUPERCONDUCTING CERAMICS

SERIAL NUMBER: 10236133 FILING DATE: 09/06/2002  
PATENT NUMBER: 6911134 ISSUE DATE: 06/28/2005  
TITLE: THREE-ELECTRODE METAL OXIDE REDUCTION CELL

SERIAL NUMBER: 10900054 FILING DATE: 07/27/2004  
PATENT NUMBER: 6916570 ISSUE DATE: 07/12/2005  
TITLE: OXYGEN ION CONDUCTING MATERIALS

SERIAL NUMBER: 09860851 FILING DATE: 05/18/2001  
PATENT NUMBER: 6967063 ISSUE DATE: 11/22/2005  
TITLE: AUTOTHERMAL HYDRODESULFURIZING REFORMING METHOD AND CATALYST

SERIAL NUMBER: 10920539 FILING DATE: 08/18/2004  
PATENT NUMBER: 6969851 ISSUE DATE: 11/29/2005  
TITLE: ION-MOBILITY SPECTROMETRY SENSOR FOR NOX DETECTION

SERIAL NUMBER: 09924571 FILING DATE: 08/07/2001  
PATENT NUMBER: 6974070 ISSUE DATE: 12/13/2005  
TITLE: JOINING OF ADVANCED MATERIALS BY SUPERPLASTIC DEFORMATION

SERIAL NUMBER: 10105203 FILING DATE: 03/25/2002  
PATENT NUMBER: 6977122 ISSUE DATE: 12/20/2005  
TITLE: PROTON CONDUCTING MEMBRANE FOR FUEL CELLS

SERIAL NUMBER: 10619111 FILING DATE: 07/14/2003  
PATENT NUMBER: 6984335 ISSUE DATE: 01/10/2006  
TITLE: REDUNDANTLY CONSTRAINED LAMINAR STRUCTURE AS WEAK-LINK MECHANISMS

SERIAL NUMBER: 10887142 FILING DATE: 07/08/2004  
PATENT NUMBER: 6987361 ISSUE DATE: 01/17/2006  
TITLE: FIELD EMISSION CATHODE GATING FOR RF ELECTRON GUNS AND PLANAR FOCUSING CATHODES

SERIAL NUMBER: 10335462	FILING DATE: 12/30/2002
PATENT NUMBER: 7001860	ISSUE DATE: 02/21/2006
TITLE: CONSTRUCTION MATERIAL AND METHOD	
SERIAL NUMBER: 10780451	FILING DATE: 02/17/2004
PATENT NUMBER: 7012275	ISSUE DATE: 03/14/2006
TITLE: METHOD FOR FABRICATION OF HIGH TEMPERATURE SUPERCONDUCTORS	
SERIAL NUMBER: 10971653	FILING DATE: 10/22/2004
PATENT NUMBER: 7012386	ISSUE DATE: 03/14/2006
TITLE: ENHANCED RF WINDOW FOR WAVEGUIDE USED WITH PARTICLE ACCELERATOR	
SERIAL NUMBER: 10283719	FILING DATE: 10/30/2002
PATENT NUMBER: 7019713	ISSUE DATE: 03/28/2006
TITLE: METHODS AND MEASUREMENT ENGINE FOR ALIGNING MULTI-PROJECTOR DISPLAY SYSTEMS	
SERIAL NUMBER: 10328324	FILING DATE: 12/23/2002
PATENT NUMBER: 7023673	ISSUE DATE: 04/04/2006
TITLE: SUPERCONDUCTING SHIELDED CORE REACTOR WITH REDUCED AC LOSSES	
SERIAL NUMBER: 10077569	FILING DATE: 02/15/2002
PATENT NUMBER: 7026074	ISSUE DATE: 04/11/2006
TITLE: LITHIUM ION BATTERY WITH IMPROVED SAFETY	
SERIAL NUMBER: 10283991	FILING DATE: 10/30/2002
PATENT NUMBER: 7038727	ISSUE DATE: 05/02/2006
TITLE: METHOD TO SMOOTH PHOTOMETRIC VARIATIONS ACROSS MULTI-PROJECTOR DISPLAYS	
SERIAL NUMBER: 10338175	FILING DATE: 01/07/2003
PATENT NUMBER: 7041414	ISSUE DATE: 05/09/2006
TITLE: SILVER MANGANESE OXIDE ELECTRODES FOR LITHIUM BATTERIES	
SERIAL NUMBER: 10912708	FILING DATE: 08/05/2004
PATENT NUMBER: 7042036	ISSUE DATE: 05/09/2006
TITLE: MAGNETIC MEMORY USING SINGLE DOMAIN SWITCHING BY DIRECT CURRENT	
SERIAL NUMBER: 10353385	FILING DATE: 01/28/2003
PATENT NUMBER: 7049031	ISSUE DATE: 05/23/2006
TITLE: PROTECTIVE COATING ON POSITIVE LITHIUM-METAL-OXIDE ELECTRODES FOR LITHIUM BATTERIES	
SERIAL NUMBER: 10283670	FILING DATE: 10/30/2002
PATENT NUMBER: 7049073	ISSUE DATE: 05/23/2006
TITLE: DOUBLE STRANDED NUCLEIC ACID BIOCHIPS	
SERIAL NUMBER: 10445681	FILING DATE: 05/27/2003
PATENT NUMBER: 7073513	ISSUE DATE: 07/11/2006
TITLE: SUPERCONDUCTING MAGNETIC CONTROL SYSTEM FOR MANIPULATION OF PARTICULATE MATTER AND MAGNETIC PROBES IN MEDICAL AND INDUSTRIAL APPLICATIONS	

SERIAL NUMBER: 10334880 FILING DATE: 12/31/2002  
PATENT NUMBER: 7077983 ISSUE DATE: 07/18/2006  
TITLE: POLYMER NANOCOMPOSITES FOR LITHIUM BATTERY APPLICATIONS

SERIAL NUMBER: 10452818 FILING DATE: 06/02/2003  
PATENT NUMBER: 7081483 ISSUE DATE: 07/25/2006  
TITLE: POLYFUNCTIONAL DISPERSANTS FOR CONTROLLING VISCOSITY OF  
PHYLOSILICATES

SERIAL NUMBER: 10913185 FILING DATE: 08/06/2004  
PATENT NUMBER: 7083672 ISSUE DATE: 08/01/2006  
TITLE: METHOD AND PRODUCT FOR PHOSPHOSILICATE SLURRY FOR USE IN DENTISTRY  
AND RELATED BONE CEMENTS

SERIAL NUMBER: 10669832 FILING DATE: 09/24/2003  
PATENT NUMBER: 7087211 ISSUE DATE: 08/08/2006  
TITLE: HYDROGEN PRODUCTION BY HIGH TEMPERATURE WATER SPLITTING USING  
ELECTRON CONDUCTING MEMBRANES

SERIAL NUMBER: 29066569 FILING DATE: 02/14/1997  
PATENT NUMBER: D413678 ISSUE DATE: 09/07/1999  
TITLE: SOLID LIQUID EXTRACTOR

TARA WASHINGTON, EXAMINER  
ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

## PATENT ASSIGNMENT

THIS ASSIGNMENT is between:

The University of Chicago ("U of C"), a corporation of the State of Illinois located at 5801 South Ellis Avenue, Chicago, Illinois 60637, management and operating contractor for the United States Department of Energy ("DOE") at Argonne National Laboratory under Contract No. W-31-109-ENG-38 ("U of C Prime Contract"); and

UChicago Argonne, LLC ("LLC"), a corporation of the State of Illinois located at 5801 South Ellis Avenue, Chicago, Illinois 60637, management and operating contractor for DOE at Argonne National Laboratory effective October 1, 2006, under Contract No. DE-AC02-06CH11357 ("LLC Prime Contract").

WHEREAS, U of C desires to assign to LLC, and LLC desires to receive and hereby accepts, all of U of C's rights, title, and interests throughout the world (subject to the United States Government retained non-exclusive, nontransferable, irrevocable, paid-up license) in and to the patent applications and issued and granted patents identified in Attachments A, B, C and D which are incorporated herein by this reference.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and in accordance with the terms and conditions of U of C's prime contract with DOE:

Automatically effective October 1, 2006, U of C hereby assigns, transfers and sets over to LLC, U of C's entire right, title and interest throughout the world, in and to the United States patent applications, foreign patent applications, Patent Cooperation Treaty patent applications (PCT Requests), and United States and foreign national and regional issued and granted patents identified in Attachments A, B, C and D for the full term or terms of each including, but not limited to, all reissue patents, reexaminations, divisionals, continuations, renewals, substitutes and extensions thereof for the use and benefit of LLC, including LLC's successors, assigns, nominees, or other legally designated representatives to enjoy to the full extent possible, together with all claims for profits and damages by reason of past infringement of any patent or patent application identified in Attachments A, B, C and D by any party or parties (including without limitation claims for infringement of provisional patent rights afforded by any pending patent application), with the right to sue for and collect the same; and specifically including the right to file foreign patent applications under the provisions of any convention or treaty and to claim any priority based on a patent application identified in Attachment A, B, C and D filed in the United States.

U of C hereby authorizes LLC to receive any and all United States and foreign patents relating to the patent applications identified in Attachments A, B, C and D in its own name and authorizes and requests the issuing authority to issue any and all United States and foreign patents granted from such patent applications to and in the name of LLC.

U of C hereby agrees to execute any and all additional documents which may be required to further effectuate this ASSIGNMENT, including, but not limited to, those documents necessary or desirable to fulfill the requirements of the United States Patent and Trademark Office, foreign patent offices, and all other applicable administrative and judicial bodies in perfecting the transfer of title in the patent applications and patents identified in Attachments A, B, C and D from U of C to LLC by way of this ASSIGNMENT so as to allow LLC to secure, maintain, defend, and enforce valid and enforceable protection.

Executed this 25<sup>th</sup> day of September, 2006.

The University of Chicago

By: Thomas F. Rosenbaum  
Thomas F. Rosenbaum  
Vice President for Research  
and for Argonne National Laboratory

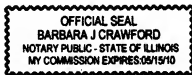
STATE OF ILLINOIS     )  
                                  ) ss  
COUNTY OF DU PAGE )

On this 25<sup>th</sup> day of September, 2006, before me a Notary Public in and for the County and State aforesaid, appeared the above named person, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that she executed same instrument.

WITNESS my hand and seal the day and year last above given.

My Commission Expires on: 05/15/10

Barbara J Crawford  
Notary Public



UChicago Argonne, LLC

Robert Rosner  
By: Robert Rosner  
President

STATE OF ILLINOIS     )  
                                  ) ss  
COUNTY OF DU PAGE    )

On this 26<sup>th</sup> day of September, 2006, before me a Notary Public in and for the County and State aforesaid, appeared the above named person, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that she executed same instrument.

WITNESS my hand and seal the day and year last above given.

Miriam R. Legan  
Notary Public

My Commission Expires on: 10/9/07



Attachment A – U.S. Patents  
Attachment B – U.S. Non-Provisional Patent Applications  
Attachment C – U.S. Provisional Patent Applications  
Attachment D – Foreign Patents and Patent Applications



**ATTACHMENT A**  
**U.S. Patents**

Pat. No.	App. No.	Filing Date	File	Title
5,086,034	07/589,562	28-Sep-1990	IN-89-030	CALCINATION AND SOLID STATE REACTION OF CERAMIC-FORMING COMPONENTS TO PROVIDE SINGLE PHASE CERAMIC PRODUCT HAVING FINE PARTICLE SIZE (AS ISSUED)
5,194,298	07/582,525	14-Sep-1990	IN-88-047	METHOD OF PREPARING CORROSION RESISTANT COMPOSITE MATERIALS (AS ISSUED)
5,211,923	07/739,029	01-Aug-1991	IN-90-042	HYDROGEN AND SULFUR RECOVERY FROM HYDROGEN SULFIDE WASTES (AS FILED)
5,411,149	07/928,790	11-Aug-1992	IN-91-105	AQUEOUS BIPHASIC EXTRACTION PROCESS WITH PH AND PARTICLE CONTROL (AS ISSUED)
5,429,727	08/129,964	30-Sep-1993	IN-91-104	ELECTROCATALYTIC CERMET GAS DETECTOR/SENSOR (AS ISSUED)
5,440,210	08/048,652	16-Apr-1993	IN-93-017	INDIRECTLY SENSING ACCELERATOR BEAM CURRENTS FOR LIMITING MAXIMUM BEAM CURRENT MAGNITUDE (AS ISSUED)
5,453,331	08/289,751	12-Aug-1994	IN-94-003	COMPLIANT SEALANTS FOR SOLID OXIDE FUEL CELLS AND OTHER CERAMICS (AS ISSUED)
5,455,206	08/028,782	10-Mar-1993	IN-88-047b	CORROSION RESISTANT CERAMIC MATERIALS (AS ISSUED)
5,468,456	08/191,653	04-Feb-1994	IN-93-028	BATCH EXTRACTING PROCESS USING MAGNETIC PARTICLE HELD SOLVENTS (AS ISSUED)
5,468,964	08/262,998	20-Jun-1994	IN-94-046	MILLIMETER WAVE SENSOR FOR MONITORING EFFLUENTS (AS ISSUED)
5,504,080	08/372,067	12-Jan-1995	IN-93-130	METHOD FOR HARVESTING RARE EARTH BARIUM COPPER OXIDE SINGLE CRYSTALS (AS ISSUED)
5,510,624	08/522,618	01-Sep-1995	IN-94-137	SIMULTANEOUS SPECIMEN AND STAGE CLEANING DEVICE FOR ANALYTICAL ELECTRON MICROSCOPE (AS ISSUED)
5,526,903	08/297,979	30-Aug-1994	IN-91-054	LOW PROFILE, HIGH LOAD VERTICAL ROLLING POSITIONING STAGE (AS ISSUED)
5,532,078	08/312,053	26-Sep-1994	IN-93-098	ELECTROCHEMICAL CELL (AS ISSUED)
5,536,593	08/211,554	05-Dec-1994	IN-90-075e	ELECTROCHEMICAL CELL (AS ISSUED)
5,549,748	08/372,042	12-Jan-1995	IN-93-130b	METHOD FOR HARVESTING SINGLE CRYSTALS FROM A PERITECTIC MELT (AS ISSUED)

5,563,565	08/156,429	23-Nov-1993	IN-91-015	METHOD FOR OBTAINING LARGE LEVITATION PRESSURE IN SUPERCONDUCTING MAGNETIC BEARINGS (AS ISSUED)
5,602,886	08/541,866	10-Oct-1995	IN-93-113	NEURAL-NET CONTROLLED TAG GAS SAMPLING SYSTEM FOR NUCLEAR REACTORS (AS ISSUED)
5,604,162	08/671,325	27-Jun-1996	IN-94-073b	PROCESS OF PREPARING TRITIATED POROUS SILICON (AS ISSUED)
5,605,171	08/517,001	18-Aug-1995	IN-94-073	POROUS SILICON WITH EMBEDDED TRITIUM AS A STAND-ALONE PRIME POWER SOURCE FOR OPTOELECTRONIC APPLICATIONS (AS ISSUED)
5,611,854	08/531,399	21-Sep-1995	IN-94-123	SEED CRYSTALS WITH IMPROVED PROPERTIES FOR MELT PROCESSING SUPERCONDUCTORS FOR PRACTICAL APPLICATIONS (AS ISSUED)
5,620,512	08/143,866	27-Oct-1993	IN-93-111	DIAMOND FILM GROWTH FROM FULLERENE PRECURSORS (AS ISSUED)
5,636,619	08/598,029	07-Feb-1996	IN-95-070	METHOD AND APPARATUS FOR REDUCING COLD-PHASE EMISSIONS BY UTILIZING OXYGEN-ENRICHED INTAKE AIR (AS ISSUED)
5,645,518	08/380,922	31-Jan-1995	IN-92-084	METHOD FOR STABILIZING LOW-LEVEL MIXED WASTES AT ROOM TEMPERATURE (AS ISSUED)
5,649,517	08/710,520	18-Sep-1996	IN-95-152	VARIABLE OXYGEN/NITROGEN ENRICHED INTAKE AIR SYSTEM FOR INTERNAL COMBUSTION ENGINE APPLICATIONS (AS ISSUED)
5,653,867	08/618,625	19-Mar-1996	IN-95-075	METHOD FOR THE SEPARATION OF HIGH IMPACT POLYSTYRENE (HIPS) AND ACRYLONITRILE BUTADIENE STYRENE (ABS) PLASTICS (AS ISSUED)
5,654,683	08/486,302	07-Jun-1995	IN-91-015b	METHOD FOR OBTAINING LARGE LEVITATION PRESSURE IN SUPERCONDUCTING MAGNETIC BEARINGS
5,661,113	08/317,353	04-Oct-1994	IN-93-054	NEAR NET SHAPE PROCESSING OF CONTINUOUS LENGTHS OF SUPERCONDUCTING WIRE (AS ISSUED)
5,674,415	08/589,857	22-Jan-1996	IN-95-042	METHOD AND APPARATUS FOR REAL TIME WELD MONITORING (AS ISSUED)
5,689,332	08/713,833	13-Sep-1996	IN-96-078	AUTOMATED REAL-TIME DETECTION OF DEFECTS DURING MACHINING OF CERAMICS (AS ISSUED)
5,723,639	08/543,522	16-Oct-1995	IN-93-014	ESTERIFICATION OF FERMENTATION-DERIVED ACIDS VIA PERVAPORATION (AS ISSUED)
5,725,218	08/749,980	15-Nov-1996	IN-96-043	HIGH-TEMPERATURE SEAL FOR JOINING CERAMICS AND METAL ALLOYS (AS ISSUED)

5,741,700	08/411,711	02-Jun-1995	IN-95-036	METHOD OF IMMOBILIZING WATER-SOLUBLE BIOORGANIC COMPOUNDS ON A CAPILLARY-POROUS CARRIER (AS ISSUED)
5,756,050	08/411,792	26-May-1995	IN-95-038	DEVICE OF DISPENSING MICRO-DOSES OF AQUEOUS SOLUTIONS OF SUBSTANCES ONTO A CARRIER AND A DEVICE FOR CARRYING OUT ... (AS ISSUED)
5,770,435	08/556,805	02-Nov-1995	IN-95-055	MUTANT E. COLI STRAIN WITH INCREASED SUCCINIC ACID PRODUCTION (AS ISSUED)
5,770,721	08/411,794	19-May-1995	IN-95-037	METHOD OF MANUFACTURING A MATRIX FOR THE DETECTION OF MISMATCHES (AS ISSUED)
5,772,760	08/540,916	11-Oct-1995	IN-95-020	IMPROVED METHOD FOR THE PREPARATION OF NANOCRYSTALLINE DIAMOND THIN FILMS (AS ISSUED)
5,772,863	08/641,979	01-May-1996	IN-95-136	ELECTROCATALYTIC CERMET SENSOR (AS ISSUED)
5,776,864	08/834,687	01-Apr-1997	IN-94-102b	LARGE SINGLE DOMAIN 123 MATERIAL PRODUCED BY SEEDING WITH SINGLE CRYSTAL RARE EARTH BARIUM COPPER OXIDE SINGLE CRYSTALS (AS ISSUED)
5,830,815	08/617,284	18-Mar-1996	IN-95-140	METHOD OF WASTE STABILIZATION VIA CHEMICALLY BONDED PHOSPHATE CERAMICS (AS ISSUED)
5,841,627	08/868,176	03-Jun-1997	IN-96-096	PSEUDO-CAPACITOR DEVICE FOR AQUEOUS ELECTROLYTES (AS ISSUED)
5,846,894	08/619,945	18-Mar-1996	IN-95-005	PHOSPHATE BONDED STRUCTURAL PRODUCTS FROM HIGH VOLUME WASTES (AS ISSUED)
5,849,079	08/417,154	04-Apr-1995	IN-94-124	DIAMOND FILM GROWTH IN ARGON-CARBON PLASMAS (AS ISSUED)
5,851,772	08/593,345	29-Jan-1996	IN-95-029	A MICROCHIP METHOD FOR THE ENRICHMENT OF SPECIFIC DNA SEQUENCES (AS ISSUED)
5,861,247	08/592,120	26-Jan-1996	IN-95-031	A RAPID METHOD TO DETECT DUPLEX FORMATION IN SEQUENCING BY HYBRIDIZATION METHODS (AS ISSUED)
5,869,841	08/762,992	10-Dec-1996	IN-94-035	3-DIMENSIONAL IMAGING SYSTEM USING CRYSTAL DIFFRACTION LENSES (AS ISSUED)
5,882,432	08/692,801	30-Jul-1996	IN-95-067	EFFICIENT CONTINUOUS DRYER FOR FLEXIBLE POLYURETHANE FOAM AND CLEANING APPARATUS (AS ISSUED)
5,896,200	08/902,115	29-Jul-1997	IN-97-004	OPTICAL DESIGN FOR LASER ENCODER RESOLUTION EXTENSION AND ANGULAR MEASUREMENT (AS ISSUED)
5,902,640	08/684,426	19-Jul-1996	IN-94-127	A METHOD OF IMPROVING FIELD EMISSION CHARACTERISTICS OF DIAMOND THIN FILMS (AS ISSUED)
5,905,024	08/768,893	17-Dec-1996	IN-96-051	METHOD FOR PERFORMING SITE-SPECIFIC AFFINITY FRACTIONATION FOR USE IN DNA SEQUENCING (AS ISSUED)

5,908,745	08/587,332	16-Jan-1996	IN-95-027	USE OF CONTINUOUS/CONTIGUOUS STACKING HYBRIDIZATION AS A DIAGNOSTIC TOOL (AS ISSUED)
5,929,286	09/092,190	05-Jun-1998	IN-96-134b	METHOD FOR MAKING HYDROGEN RICH GAS FROM HYDROCARBON FUEL (AS ISSUED)
5,939,025	08/518,541	23-Aug-1995	IN-95-010	METHANOL PARTIAL OXIDATION REFORMER (AS ISSUED)
5,942,345	08/909,336	11-Aug-1997	IN-96-118	HIGH PERFORMANCE ELECTROLYTES FOR MCFC (AS ISSUED)
5,942,346	09/110,373	06-Jul-1998	IN-95-010b	METHANOL PARTIAL OXIDATION REFORMER (AS ISSUED)
5,962,329	09/061,308	16-Apr-1998	IN-95-038b	METHOD OF DISPENSING MICRODOSES OF AQUEOUS SOLUTIONS OF SUBSTANCES ONTO A CARRIER AND DEVICE FOR CARRYING OUT SAID METHOD (AS ISSUED)
5,975,493	08/926,941	10-Sep-1997	IN-96-149	PROCESS FOR CONTROLLING FLOW RATE OF VISCOUS MATERIALS INCLUDING USE OF A NOZZLE WITH CHANGEABLE OPENINGS (AS ISSUED)
5,981,734	08/895,656	17-Jul-1997	IN-96-068	METHODS FOR IMMOBILIZING NUCLEIC ACIDS ON A GEL SUBSTRATE (AS ISSUED)
5,989,511	08/620,932	22-Mar-1996	IN-95-111	SMOOTH DIAMOND FILMS AS LOW FRICTION, LONG WEAR SURFACES (AS ISSUED)
6,001,562	08/438,506	10-May-1995	IN-94-104	DNA SEQUENCE SIMILARITY RECOGNITION BY HYBRIDIZATION TO SHORT OLIGOMERS (AS ISSUED)
6,013,172	08/970,024	13-Nov-1997	IN-97-074	METHODOLOGY FOR EXTRACTING LOCAL CONSTANTS FROM PETROLEUM CRACKING FLOWS (AS ISSUED)
6,055,808	09/102,232	22-Jun-1998	IN-98-061	METHOD AND APPARATUS FOR REDUCING PARTICULATES AND NOX EMISSIONS FROM DIESEL ENGINES ...
6,058,387	08/593,937	30-Jan-1996	IN-95-146	DYNAMIC INFORMATION ARCHITECTURE SYSTEM AND METHOD (AS ISSUED)
6,062,069	09/129,689	05-Aug-1998	IN-95-115	HIGH TEMPERATURE FOULING TEST UNIT (AS ISSUED)
6,078,600	09/045,468	20-Mar-1998	IN-97-144	GENERATION AND USE OF HIGH POWER 213 NM AND 266 NM LASER RADIATION AND TUNABLE 210-400 NM LASER RADIATION WITH BBO CRYSTAL MATRIX ARRAY (AS FILED)
6,083,362	09/129,960	06-Aug-1998	IN-97-098	A DIMENSIONALLY STABLE ANODE FOR ELECTROLYSIS, METHOD FOR MAINTAINING DIMENSIONS OF ANODE DURING ELECTROLYSIS (AS ISSUED)
6,090,549	08/855,372	13-May-1997	IN-97-025	USE OF CONTINUOUS/CONTIGUOUS STACKING HYBRIDIZATION AS A DIAGNOSTIC TOOL (AS ISSUED)
6,097,118	09/183,141	30-Oct-1998	IN-98-015	RELUCTANCE APPARATUS FOR FLYWHEEL ENERGY STORAGE (AS ISSUED)

6,110,621	09/198,356	24-Nov-1998	IN-98-060	CARBONS FOR LITHIUM BATTERIES PREPARED USING SEPIOLITE AS AN INORGANIC TEMPLATE (AS ISSUED)
6,110,861	08/867,566	02-Jun-1997	IN-96-134	PARTIAL OXIDATION CATALYST (AS ISSUED)
6,117,808	09/010,424	21-Jan-1998	IN-95-102	DENSE CERAMIC MEMBRANE MATERIAL FOR CONVERSION OF METHANE TO SYNGAS (AS ISSUED)
6,143,499	09/099,959	19-Jun-1998	IN-96-051b	MINIATURIZED REACTION VESSEL SYSTEM, METHOD FOR PERFORMING SITE-SPECIFIC BIOCHEMICAL REACTIONS ... (AS ISSUED)
6,153,398	08/997,758	24-Dec-1997	IN-97-053	METHOD TO IDENTIFY SPECIFIC INHIBITORS OF IMP DEHYDROGENASE (AS ISSUED)
6,153,958	08/247,566	23-May-1994	IN-93-075	BEARING DESIGN FOR FLYWHEEL ENERGY STORAGE USING HIGH-TC SUPERCONDUCTORS (AS ISSUED)
6,159,738	09/067,931	28-Apr-1998	IN-97-140	METHOD FOR CONSTRUCTION OF BACTERIAL STRAINS WITH INCREASED SUCCINIC ACID PRODUCTION (AS ISSUED)
6,169,352	08/898,478	21-Jul-1997	IN-97-021	TRAPPED FIELD INTERNAL DIPOLE SUPERCONDUCTING MOTOR/GENERATOR (AS ISSUED)
6,172,121	09/316,449	21-May-1999	IN-98-052	PROCESS FOR PREPARING ORGANOCLOYS FOR AQUEOUS AND POLAR-ORGANIC SYSTEMS (AS ISSUED)
6,173,567	09/152,578	14-Sep-1998	IN-98-013	METHODS TO REDUCE DIESEL ENGINE EXHAUST EMISSIONS (AS ISSUED)
6,173,663	09/336,791	21-Jun-1999	IN-94-129	CARBON DIOXIDE REMEDIATION VIA OXYGEN-ENRICHED COMBUSTION USING DENSE CERAMIC MEMBRANES (AS ISSUED)
6,191,583	09/360,553	26-Jul-1999	IN-97-064	NUCLEAR MAGNETIC RESONANCE DETECTOR USED FOR REDUCING PROBE RINGING (AS ISSUED)
6,197,556	08/852,001	06-May-1997	IN-97-014	NUCLEIC ACID AMPLIFICATION USING MODULER BRANCHED PRIMERS (AS ISSUED)
6,204,214	09/124,822	29-Jul-1998	IN-97-086	PUMPABLE/INJECTABLE PHOSPHATE BONDED CERAMICS (AS ISSUED)
6,221,275	09/199,002	24-Nov-1998	IN-97-023	ENHANCED HEAT TRANSFER USING NANOFLUIDS (AS ISSUED)
6,221,531	09/349,819	08-Jul-1999	IN-98-069	LITHIUM-TITANIUM-OXIDE ANODES FOR LITHIUM BATTERIES (AS ISSUED)
6,234,115	09/130,510	06-Aug-1998	IN-98-023	NESTING BOX FOR EXCRETA COLLECTION FROM MOUSE DAMS THROUGH PARTURITION AND LACTATION (AS ISSUED)
6,235,889	09/264,466	08-Mar-1999	IN-97-014b	NUCLEIC ACID AMPLIFICATION USING MODULAR BRANCHED PRIMERS (AS ISSUED)
6,240,619	08/662,515	13-Jun-1996	IN-92-059b	THERMOMECHANICAL MEANS TO IMPROVE THE CRITICAL DENSITY OF BSCCO TAPES (AS ISSUED)

6,244,052	09/585,770	02-Jun-2000	IN-99-062c	METHOD AND APPARATUS FOR PRODUCING PHASE CHANGE ICE PARTICULATE PERFLUOROCARBON SLURRIES (AS ISSUED)
6,244,367	09/110,425	06-Jul-1998	IN-95-010c	METHANOL PARTIAL OXIDATION REFORMER (AS ISSUED)
6,249,453	09/550,835	18-Apr-2000	IN-99-082	VOLTAGE CONTROLLED SPINTRONIC DEVICES FOR LOGIC APPLICATIONS (AS ISSUED)
6,253,096	09/349,322	08-Jul-1999	IN-97-045	SHIELDED HIGH-TC BSCCO TAPES/WIRES FOR HIGH FIELD APPLICATIONS (AS ISSUED)
6,271,130	09/200,159	25-Nov-1998	IN-98-038	SEMICONDUCTOR ASSISTED METAL DEPOSITION FOR NANOLITHOGRAPHY APPLICATIONS (AS ISSUED)
6,272,036	09/467,808	20-Dec-1999	IN-99-001	CONTROL OF MAGNETIC DIRECTION IN MULTILAYER FERROMAGNETIC DEVICES BY BIAS VOLTAGE (AS ISSUED)
6,279,378	09/428,505	27-Oct-1999	IN-98-040	ULTRASONIC GAS ANALYZER AND METHOD TO ANALYZE TRACE GASES (AS ISSUED)
6,285,449	09/330,727	11-Jun-1999	IN-99-053	OPTICAL METHOD AND APPARATUS FOR DETECTION OF DEFECTS AND MICROSTRUCTURAL CHANGES IN CERAMICS AND CERAMIC COATINGS
6,294,074	09/573,575	18-May-2000	IN-99-092	ELECTRODE DESIGN FOR CORROSION MONITORING USING ELECTROCHEMICAL NOISE MEASUREMENTS (AS ISSUED)
6,303,098	09/382,737	24-Aug-1999	IN-98-009	STEAM REFORMING CATALYST (AS ISSUED)
6,329,436	07/972,426	05-Nov-1992	IN-92-026	A PROCESS TO RECYCLE SHREDDER RESIDUE (AS ISSUED)
6,329,635	09/182,927	30-Oct-1998	IN-97-084	METHODS FOR WELD MONITORING AND LASER HEAT TREATMENT MONITORING (AS ISSUED)
6,329,661	09/515,814	29-Feb-2000	IN-99-070	BIOCHIP SCANNER DEVICE (AS ISSUED)
6,361,598	09/621,272	20-Jul-2000	IN-00-042	METHOD FOR PREPARING HIGH TEMPERATURE SUPERCONDUCTOR (AS ISSUED)
6,364,923	09/616,419	14-Jul-2000	IN-99-108	METHOD AND APPARATUS FOR THE CLEAN REPLACEMENT OF CONTAMINATED HEPA FILTERS
6,375,813	09/569,538	12-May-2000	IN-97-098b	A DIMENSIONALLY STABLE ANODE FOR ELECTROLYSIS, METHOD FOR MAINTAINING DIMENSIONS OF ANODE DURING ELECTROLYSIS (AS FILED)
6,383,282	09/532,728	22-Mar-2000	IN-99-076	PSEUDOPHASIC EXTRACTION METHOD FOR THE SEPARATION OF ULTRA-FINE MATERIALS (AS FILED)
6,397,489	09/648,693	25-Aug-2000	IN-96-009	MULTI-PORT CYLINDER DRYER WITH LOW THERMAL RESISTANCE AND HIGH HEAT TRANSFER (AS ISSUED)

6,403,018	09/489,983	21-Jan-2000	IN-99-039	METHOD FOR FABRICATING CERAMIC COMPOSITES (AS ISSUED)
6,407,395	09/515,290	29-Feb-2000	IN-99-118	A PORTABLE BIOCHIP SCANNER DEVICE (AS ISSUED)
6,410,487	09/619,934	20-Jul-2000	IN-00-028	LARGE AREA BULK SUPERCONDUCTORS (AS ISSUED)
6,410,935	09/858,791	16-May-2001	IN-98-038b	SEMICONDUCTOR ASSISTED METAL DEPOSITION FOR NANOLITHOGRAPHY APPLICATIONS (AS ISSUED)
6,413,444	09/586,576	02-Jun-2000	IN-99-062b	METHODS AND APPARATUS FOR PRODUCING PHASE CHANGE ICE PARTICULATE SLURRIES (AS ISSUED)
6,422,077	09/543,992	06-Apr-2000	IN-99-123	ULTRANANOCRYSTALLINE DIAMOND CANTILEVER WIDE DYNAMIC RANGE ACCELERATION/VIBRATION/PRESSURE SENSOR (AS ISSUED)
6,440,671	09/498,851	07-Feb-2000	IN-97-025b	USE OF CONTINUOUS/CONTIGUOUS STACKING HYBRIDIZATION AS A DIAGNOSTIC TOOL (AS ISSUED)
6,447,851	09/352,063	14-Jul-1999	IN-98-087	FIELD EMISSION FROM BIAS-GROWN DIAMOND THIN FILMS IN A MICROWAVE PLASMA (AS ISSUED)
6,455,166	09/568,890	11-May-2000	IN-99-107	METALLIC SUBSTRATES FOR HIGH TEMPERATURE SUPERCONDUCTORS (AS ISSUED)
6,455,352	09/653,672	01-Sep-2000	IN-99-121	PIN ARRAY ASSEMBLY AND METHOD OF MANUFACTURE (AS ISSUED)
6,458,584	09/261,115	03-Mar-1999	IN-98-050b	CUSTOMIZED OLIGONUCLEOTIDE MICROCHIPS THAT CONVERT MULTIPLE GENETIC INFORMATION TO SIMPLER PATTERNS, ARE PORTABLE AND REUSABLE (AS ISSUED)
6,459,771	09/667,904	22-Sep-2000	IN-98-097	METHOD FOR FABRICATING PRECISION FOCUSING X-RAY COLLIMATORS (AS ISSUED)
6,461,491	09/589,329	07-Jun-2000	IN-98-123	METHOD AND APPARATUS FOR ELECTRODIALYSIS PROCESSING (AS FILED)
6,464,880	09/664,838	19-Sep-2000	IN-99-109	MICROPOROUS IONIC MATERIALS AND METHODS OF PREPARATION (AS ISSUED)
6,465,174	09/127,313	31-Jul-1998	IN-98-012	RAPID METHOD TO DETECT DUPLEX FORMATION IN SEQUENCING BY HYBRIDIZATION METHODS ... (AS ISSUED)
6,465,216	09/775,345	01-Feb-2001	IN-99-089	METHODS AND CONSTRUCTS FOR EXPRESSION OF PROTEINS IN PHOTOSYNTHETIC ORGANISMS (AS ISSUED)
6,466,805	09/842,502	26-Apr-2001	IN-97-045b	SHIELDED HIGH TC BSCCO TAPES OR WIRES FOR HIGH FIELD APPLICATIONS (AS ISSUED)
6,468,499	09/590,460	09-Jun-2000	IN-99-015	METHOD OF GENERATING HYDROGEN BY CATALYTIC DECOMPOSITION OF WATER (AS ISSUED)

6,469,507	09/631,156	03-Aug-2000	IN-00-046	FLAT METAL CONDUCTOR PRINCIPAL DETECTOR ELEMENT FOR NMR ANALYSIS (AS ISSUED)
6,484,133	09/539,961	31-Mar-2000	IN-99-031	SENSOR RESPONSE RATE ACCELERATOR (AS ISSUED)
6,485,541	09/632,873	04-Aug-2000	IN-00-025	METHOD TO DECREASE LOSS OF ALUMINUM AND MAGNESIUM MELTS (AS ISSUED)
6,485,943	09/274,163	22-Mar-1999	IN-93-108b	METHOD FOR ALTERING ANTIBODY LIGHT CHAIN INTERACTIONS (AS ISSUED)
6,495,014	09/806,683	12-Jul-2001	IN-98-076b	ELECTRODEIONIZATION SUBSTRATE, AND DEVICE FOR ELECTRODEIONIZATION TREATMENT (AS ISSUED)
6,498,119	09/751,655	29-Dec-2000	IN-00-088	CHEMICALLY BONDED PHOSPHATE CERAMICS OF TRIVALENT OXIDES OF IRON AND MANGANESE (AS ISSUED)
6,504,077	09/685,495	10-Oct-2000	IN-98-117	METHOD FOR THE DECONTAMINATION OF METALLIC SURFACES (AS ISSUED)
6,507,774	09/379,401	24-Aug-1999	IN-98-113	INTELLIGENT EMISSIONS CONTROLLER FOR SUBSTANCE INJECTION IN THE POST-PRIMARY COMBUSTION ZONE OF FOSSIL-FIRED BOILERS (AS ISSUED)
6,517,236	09/784,597	15-Feb-2001	IN-00-051	METHOD AND APPARATUS FOR AUTOMATED THERMAL IMAGING OF COMBUSTOR LINERS AND OTHER PRODUCTS (AS ISSUED)
6,518,212	09/664,490	18-Sep-2000	IN-00-002	CHEMICALLY BONDED PHOSPHO-SILICATE CERAMICS (AS ISSUED)
6,519,535	09/587,008	05-Jun-2000	IN-99-127	EDDY CURRENT TECHNIQUE FOR PREDICTING BURST PRESSURE (AS ISSUED)
6,521,202	09/344,859	28-Jun-1999	IN-98-089	OXYGEN ION CONDUCTING MATERIALS (AS ISSUED)
6,521,678	09/717,590	21-Nov-2000	IN-99-077	PROCESS FOR THE PREPARATION OF ORGANOCLOYS (AS ISSUED)
6,528,208	09/622,617	26-Oct-2000	IN-96-113	ANODE FOR RECHARGEABLE LITHIUM BATTERIES (AS ISSUED)
6,537,575	09/627,808	28-Jul-2000	IN-97-104	SYNTHETIC BIOLOGICAL MEMBRANE WITH SELF ORGANIZING PROPERTIES (AS ISSUED)
6,538,444	10/156,174	28-May-2002	IN-01-088	TWO DIMENSIONAL B1-GRADIENT NMR IMAGER (AS ISSUED)
6,542,849	09/766,214	19-Jan-2001	IN-00-058	METHOD FOR DETERMINING DEFECT DEPTH USING THERMAL IMAGING (AS ISSUED)
6,548,173	09/808,632	14-Mar-2001	IN-97-046	METHOD TO PRODUCE ULTRA LOW FRICTION CARBON FILMS (AS ISSUED)
6,548,810	09/920,492	01-Aug-2001	IN-00-109	SCANNING CONFOCAL ELECTRON MICROSCOPE (AS ISSUED)
6,579,360	09/905,509	13-Jul-2001	IN-01-016	FABRICATION OF HIGH TEMPERATURE SUPERCONDUCTORS (AS ISSUED)



6,592,839	09/255,919	23-Feb-1999	IN-97-047	TAILORING NANOCRYSTALLINE DIAMOND FILM PROPERTIES (AS ISSUED)
6,596,994	09/665,958	11-Sep-2000	IN-99-085	BEAM-POSITION MONITOR (AS ISSUED)
6,599,950	09/821,181	29-Mar-2001	IN-00-085	A PROCESS FOR THE RECOVERY AND SEPARATION OF PLASTICS (AS ISSUED)
6,607,840	09/930,699	15-Aug-2001	IN-99-004	REDUNDANTLY CONSTRAINED LAMINAR STRUCTURE AS WEAK-LINK MECHANISMS (AS ISSUED)
6,613,601	10/142,814	09-May-2002	IN-99-123	ULTRANANOCRYSTALLINE DIAMOND CANTILEVER WIDE DYNAMIC RANGE ACCELERATION/VIBRATION/PRESSURE SENSOR (AS ISSUED)
6,620,623	10/139,842	06-May-2002	IN-01-052	BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY POSITIONING APPARATUS (AS ISSUED)
6,630,819	09/790,961	22-Feb-2001	IN-98-103	MAGNETO-OPTIC CURRENT SENSOR (AS ISSUED)
6,638,895	09/696,050	25-Oct-2000	IN-98-091	METHOD FOR FABRICATING HIGH ASPECT RATIO STRUCTURES IN PEROVSKITE MATERIAL (AS ISSUED)
6,642,000	09/559,306	25-Apr-2000	IN-98-126	PCR AMPLIFICATION ON MICROARRAYS OF GEL IMMOBILIZED OLIGONUCLEOTIDES (AS ISSUED)
6,656,725	09/930,865	15-Aug-2001	IN-98-125	METHOD OF FABRICATION OF MICROARRAY OF GEL-IMMOBILIZED COMPOUNDS ON A CHIP BY COPOLYMERIZATION (AS ISSUED)
6,668,763	10/095,597	11-Mar-2002	IN-96-103	PROCESS FOR IN-SITU PRODUCTION OF HYDROGEN (H <sub>2</sub> ) BY ALCOHOL DECOMPOSITION FOR EMISSION REDUCTION FROM INTERNAL COMBUSTION ENGINES (AS ISSUED)
6,670,305	09/851,843	09-May-2001	IN-01-038	FREE STANDING MONOLITHIC CATALYST WITH MICRO-SCALE CHANNEL DIMENSIONS (AS ISSUED)
6,674,283	10/247,869	20-Sep-2002	IN-00-046	FLAT METAL CONDUCTOR PRINCIPAL DETECTOR ELEMENT FOR NMR ANALYSIS (AS ISSUED)
6,677,082	09/887,842	21-Jun-2001	IN-00-063	LITHIUM-METAL-OXIDE ELECTRODES FOR LITHIUM CELLS AND BATTERIES (AS ISSUED)
6,677,606	09/606,429	28-Jun-2000	IN-00-033	DOPA AND DOPAMINE MODIFICATION OF METAL OXIDE SEMICONDUCTORS, METHOD FOR ATTACHING BIOLOGICAL MOLECULES TO SEMICONDUCTORS (AS ISSUED)
6,680,143	09/989,844	21-Nov-2001	IN-00-063	LITHIUM-METAL-OXIDE ELECTRODES FOR LITHIUM CELLS AND BATTERIES (AS ISSUED)
6,691,554	09/833,168	11-Apr-2001	IN-00-038	NANOCRYSTALLINE FILMS FOR GAS-REACTIVE APPLICATIONS (AS ISSUED)

6,692,972	09/645,246	24-Aug-2000	IN-98-099	DEVICE FOR PRODUCING MICROSCOPIC ARRAYS OF MOLECULES, A METHOD FOR PRODUCING MICROSCOPIC ARRAYS OF MOLECULES (AS ISSUED)
6,700,662	09/767,104	22-Jan-2001	IN-99-056	A PORTABLE LII BASED INSTRUMENT AND METHOD FOR PARTICULATE CHARACTERIZATION IN COMBUSTION EXHAUST (AS ISSUED)
6,713,040	09/816,676	23-Mar-2001	IN-00-030	METHOD FOR GENERATING HYDROGEN FOR FUEL CELLS (AS ISSUED)
6,718,009	10/243,559	13-Sep-2002	IN-00-072	METHOD OF MAKING OF COMPOUND X-RAY LENSES AND VARIABLE FOCUS X-RAY LENS ASSEMBLY (AS ISSUED)
6,720,769	10/177,189	21-Jun-2002	IN-01-075	ROTATIONAL EXCHANGE GRADIENT IMAGER FOR IN SITU MAGNETIC RESONANCE ANALYSIS IN ULTRACENTRIFUGE SEDIMENTATION OF BIOLOGICAL MATERIAL AND RHEOLOGY INVESTIGATIONS (AS ISSUED)
6,726,893	10/245,039	17-Sep-2002	IN-01-139	HYDROGEN PRODUCTION FROM WATER SPLITTING USING MIXED OXYGEN-ELECTRON CONDUCTING MEMBRANES (AS ISSUED)
6,729,801	09/885,539	21-Jun-2001	IN-01-069	SYSTEM AND METHOD FOR DETECTING CONTAMINATION USING VEGETATION SAMPLING (AS ISSUED)
6,730,429	10/008,885	08-Nov-2001	IN-00-105	INTERMETALLIC NEGATIVE ELECTRODES FOR NON-AQUEOUS LITHIUM CELLS AND BATTERIES (AS ISSUED)
6,730,912	10/232,176	30-Aug-2002	IN-02-022	METHOD AND APPARATUS FOR DETECTING NORMAL CRACKS USING INFRARED THERMAL IMAGING (AS ISSUED)
6,743,610	09/823,949	30-Mar-2001	IN-99-122	METHOD TO PRODUCE SUCCINIC ACID FROM RAW HYDROLYSATES (AS ISSUED)
6,751,075	10/015,373	12-Dec-2001	IN-01-074	SUPERCONDUCTING FAULT CURRENT CONTROLLER/CURRENT CONTROLLER (AS ISSUED)
6,762,233	09/973,302	09-Oct-2001	IN-00-081	LIQUID CRYSTALLINE COMPOSITES CONTAINING PHYLLOSILICATES (AS ISSUED)
6,763,901	10/235,556	06-Sep-2002	IN-01-092	AIR DELIVERY SYSTEM FOR A DIRECT PUSH DRILLING SWIVEL (AS ISSUED)
6,776,837	10/012,839	30-Nov-2001	IN-01-046	FORMATION OF CHEMICALLY BONDED CERAMICS WITH MAGNESIUM DIHYDROGEN PHOSPHATE BINDER (AS ISSUED)
6,782,321	10/226,202	23-Aug-2002	IN-01-096	METHOD FOR PERFORMING ENVIRONMENTAL SITE CHARACTERIZATION (AS ISSUED)
6,783,561	10/027,241	20-Dec-2001	IN-99-060	METHOD TO IMPROVE LUBRICITY OF LOW SULFUR DIESEL AND GASOLINE FUELS (AS ISSUED)

6,788,064	10/386,847	12-Mar-2003	IN-02-013	PASSIVELY SHIMMED PRINCIPAL DETECTOR ELEMENTS FOR TOROID CAVITY DETECTOR NMR PROBES (AS ISSUED)
6,790,896	10/100,381	18-Mar-2002	IN-01-083	COMPOSITE MATERIALS WITH IMPROVED PHYLOSILICATE DISPERSION (AS ISSUED)
6,791,326	10/313,291	06-Dec-2002	IN-01-137	NMR DETECTOR FOR SUPPORTED MONOLAYER AND MULTILAYER FILMS (AS ISSUED)
6,793,849	10/398,427	09-Oct-2001	IN-00-061	N-TYPE DOPING OF NANOCRYSTALLINE DIAMOND FILMS WITH NITROGEN AND ELECTRODES MADE THEREFROM (AS ISSUED)
6,797,140	10/213,721	06-Aug-2002	IN-01-130	ELECTRODEIONIZATION METHOD (AS ISSUED)
6,811,612	10/169,879	08-Nov-2002	IN-99-048	PATTERNING OF NANOCRYSTALLINE DIAMOND FILMS FOR DIAMOND MICROSTRUCTURES USEFUL IN MEMS AND OTHER DEVICES (AS ISSUED)
6,814,166	10/235,532	06-Sep-2002	IN-01-091	DIRECT PUSH DRILLING SWIVEL AND METHOD FOR ITS USE (AS ISSUED)
6,818,398	09/751,654	29-Dec-2000	IN-99-120	COLUMN DEVICE FOR ISOLATION AND LABELING OF NUCLEIC ACIDS (AS ISSUED)
6,821,498	10/327,502	20-Dec-2002	IN-98-089	OXYGEN ION CONDUCTING MATERIALS (AS ISSUED)
6,822,035	10/078,992	20-Feb-2002	IN-01-064	PROCESS FOR THE PREPARATION OF ORGANOCLOYS (AS ISSUED)
6,822,733	10/610,192	30-Jun-2003	IN-01-136	OPTICAL DESIGN FOR LASER ENCODER RESOLUTION EXTENSION WITH THREE DIMENSIONAL MOTION DECOUPLING (AS FILED)
6,826,488	09/533,466	23-Mar-2000	IN-98-058	CRYSTALS, MOLECULAR COMPLEXES, AND METHODS OF DEVELOPING LEAD COMPOUNDS FOR INHIBITORS OF BACTERIAL IMPDH (AS ISSUED)
6,831,933	09/916,458	27-Jul-2001	IN-01-051	MODULAR APPROACH TO THE NEXT GENERATION, SHORT WAVELENGTH, LASER-LIKE LIGHT SOURCES (AS ISSUED)
6,839,655	09/865,953	25-May-2001	IN-99-021	A SYSTEM FOR MONITORING NON-COINCIDENT, NONSTATIONARY, PROCESS SIGNALS (AS ISSUED)
6,843,960	10/167,832	12-Jun-2002	IN-01-149	COMPOSITIONALLY GRADED METALLIC PLATES FOR PLANAR SOLID OXIDE FUEL CELLS (AS ISSUED)
6,855,460	10/068,230	04-Feb-2002	IN-01-022	NEGATIVE ELECTRODES FOR LITHIUM CELLS AND BATTERIES (AS ISSUED)
6,858,345	10/118,788	09-Apr-2002	IN-00-009	WOUND BIPOLAR LITHIUM POLYMER BATTERIES (AS ISSUED)
6,869,983	10/458,344	10-Jun-2003	IN-02-059	SPATIALLY CONTROLLED, IN SITU SYNTHESIS OF POLYMERS (AS ISSUED)

6,878,521	09/712,819	13-Nov-2000	IN-99-019	FIBRIL-BLOCKING PEPTIDE, A METHOD FOR PREVENTING FIBRIL FORMATION (AS ISSUED)
6,894,006	10/031,525	09-Apr-2002	IN-99-042	METHOD FOR FORMING BISMUTH-BASED SUPERCONDUCTING CERAMICS (AS ISSUED)
6,911,134	10/236,133	06-Sep-2002	IN-01-110	THREE-ELECTRODE METAL OXIDE REDUCTION CELL (AS ISSUED)
6,916,570	10/900,054	27-Jul-2004	IN-98-089	OXYGEN ION CONDUCTING MATERIALS (AS ISSUED)
6,967,063	09/860,851	18-May-2001	IN-01-065	AUTOTHERMAL HYDRODESULFURIZING REFORMING METHOD AND CATALYST (AS ISSUED)
6,969,851	10/920,539	18-Aug-2004	IN-04-004	ION-MOBILITY SPECTROMETRY SENSOR FOR NO <sub>x</sub> DETECTION (AS ISSUED)
6,974,070	09/924,571	07-Aug-2001	IN-01-019	JOINING OF ADVANCED MATERIALS BY PLASTIC DEFORMATION (AS ISSUED)
6,977,122	10/105,203	25-Mar-2002	IN-01-033	IMPROVED PROTON CONDUCTING MEMBRANE FOR FUEL CELLS (AS ISSUED)
6,984,335	10/619,111	14-Jul-2003	IN-99-004	REDUNDANTLY CONSTRAINED LAMINAR STRUCTURE AS WEAK-LINK MECHANISMS (AS ISSUED)
6,987,361	10/887,142	08-Jul-2004	IN-04-039	FIELD EMISSION CATHODE GATING FOR RF ELECTRON GUNS AND PLANAR FOCUSING CATHODES (AS ISSUED)
7,001,860	10/335,462	30-Dec-2002	IN-01-094	CONSTRUCTION MATERIAL AND METHOD (AS ISSUED)
7,012,275	10/780,451	17-Feb-2004	IN-03-123	METHOD FOR FABRICATION OF HIGH TEMPERATURE SUPERCONDUCTORS (AS ISSUED)
7,012,386	10/971,653	22-Oct-2004	IN-01-021	ENHANCED RF WINDOW FOR WAVEGUIDE USED WITH PARTICLE ACCELERATOR (AS ISSUED)
7,019,713	10/283,719	30-Oct-2002	IN-02-054	METHODS AND MEASUREMENT ENGINE FOR ALIGNING MULTI-PROJECTOR DISPLAY SYSTEMS (AS ISSUED)
7,023,673	10/328,324	23-Dec-2002	IN-02-033	SUPERCONDUCTING SHIELDED CORE REACTOR WITH REDUCED AC LOSSES (AS ISSUED)
7,026,074	10/077,569	15-Feb-2002	IN-01-023	LITHIUM ION BATTERY WITH IMPROVED SAFETY (AS ISSUED)
7,038,727	10/283,991	30-Oct-2002	IN-02-053	METHOD TO SMOOTH PHOTOMETRIC VARIATIONS ACROSS MULTI-PROJECTOR DISPLAYS (AS ISSUED)
7,041,414	10/338,175	07-Jan-2003	IN-01-013	SILVER MANGANESE OXIDE ELECTRODES FOR LITHIUM BATTERIES (AS ISSUED)
7,042,036	10/912,708	05-Aug-2004	IN-03-152	MAGNETIC MEMORY USING SINGLE DOMAIN SWITCHING BY DIRECT CURRENT (AS ISSUED)
7,049,031	10/353,385	28-Jan-2003	IN-99-103	PROTECTIVE COATING ON POSITIVE LITHIUM-METAL OXIDE ELECTRODES FOR LITHIUM BATTERIES (AS ISSUED)

7,049,073	10/283,670	30-Oct-2002	IN-01-105	DOUBLE-STRANDED NUCLEIC ACID BIOCHIPS (AS ISSUED)
7,073,513	10/445,681	27-May-2003	IN-02-077	SUPERCONDUCTING MAGNETIC CONTROL SYSTEM FOR MANIPULATION OF PARTICULATE MATTER AND MAGNETIC PROBES IN MEDICAL AND INDUSTRIAL APPLICATIONS (AS ISSUED)
7,077,983	10/334,880	31-Dec-2002	IN-01-097	POLYMER NANOCOMPOSITES FOR LITHIUM BATTERY APPLICATIONS (AS ISSUED)
7,081,483	10/452,818	02-Jun-2003	IN-00-044	POLYFUNCTIONAL DISPERSANTS FOR CONTROLLING VISCOSITY OF PHYLLOSILICATES (AS ISSUED)
7,083,672	10/913,185	06-Aug-2004	IN-01-018	METHOD AND PRODUCT FOR PHOSPHOSILICATE SLURRY FOR USE IN DENTISTRY AND RELATED BONE CEMENTS (AS ISSUED)
7,087,211	10/669,832	24-Sep-2003	IN-03-018	HYDROGEN PRODUCTION BY HIGH TEMPERATURE WATER SPLITTING USING ELECTRON CONDUCTING MEMBRANES (AS ISSUED)
D413,678	29/066,569	14-Feb-1997	IN-95-112	SOLID LIQUID EXTRACTOR (AS ISSUED)

**ATTACHMENT B**  
**U.S. Non-Provisional Patent Applications**

App. No.	Filing Date	File	Title
09/368,989	05-Aug-1999	IN-98-026	DEVICE FOR DETECTING MOLECULES, METHOD FOR DETECTING MOLECULES (AS FILED)
09/790,851	22-Feb-2001	IN-00-065	EMERGENCY RESPONSE SYNCHRONIZATION MATRIX (AS FILED)
09/791,422	23-Feb-2001	IN-99-079	RADIATION SHIELDING PHOSPHATE BONDED CERAMICS USING ENRICHED ISOTROPIC BORON COMPOUNDS (AS FILED)
09/943,966	31-Aug-2001	IN-00-120	SYNTHESIS OF INTERMETALLIC NEGATIVE ELECTRODES FOR LITHIUM CELLS AND BATTERIES (AS FILED)
10/057,753	23-Jan-2002	IN-98-093	METHOD OF LABELING DNA AND RNA (AS FILED)
10/068,474	05-Feb-2002	IN-98-042	GEL SUBSTRATES FOR MICROARRAYS SUITABLE FOR MACROMOLECULAR IMMOBILIZATION AND ASSAY (AS FILED)
10/167,917	12-Jun-2002	IN-02-014	SOLID OXIDE FUEL CELL WITH IMPROVED MECHANICAL AND ELECTRICAL PROPERTIES (AS FILED)
10/212,476	05-Aug-2002	IN-96-50b	CUSTOMIZED OLIGONUCLEOTIDE MICROCHIPS THAT CONVERT MULTIPLE GENETIC INFORMATION TO SIMPLER PATTERNS, ARE PORTABLE AND REUSABLE (AS ISSUED)
10/275,537	19-Jul-2002	IN-99-039	METHOD FOR FABRICATING CERAMIC COMPOSITES (AS ISSUED)
10/287,455	04-Nov-2002	IN-99-088	DISCRIMINATION OF BACILLUS ANTHRACIS AND CLOSELY RELATED MICROORGANISMS BY ANALYSIS OF 16S AND 23S RRNA WITH OLIGONUCLEOTIDE MICROCHIPS
10/315,904	10-Dec-2002	IN-01-142	HIGH CATION TRANSPORT POLYMER ELECTROLYTE (AS FILED)
10/337,966	06-Jan-2003	IN-01-107	HARD AND LOW FRICTION NITRIDE COATINGS AND METHODS FOR FORMING THE SAME (AS FILED)
10/338,507	07-Jan-2003	IN-00-032	ELECTRODE FOR A LITHIUM CELL (AS FILED)
10/351,826	27-Jan-2003	IN-02-091	HIGH-DIELECTRIC CONSTANT ALLOY FOR NEW GENERATION OF INTEGRATED CIRCUIT GATE OXIDE AND MAGNETIC MULTILAYER MEMORIES (AS FILED)
10/354,929	30-Jan-2003	IN-05-096	ION EXCHANGE MATERIALS FOR USE IN A 213BI GENERATOR (AS FILED)
10/365,286	12-Feb-2003	IN-02-010	LAYERED ELECTRODES FOR LITHIUM CELLS AND BATTERIES (AS FILED)
10/371,214	20-Feb-2003	IN-01-119	COATINGS AND FILMS DERIVED FROM CLAY/WAX NANOCOMPOSITES (AS FILED)
10/384,344	07-Mar-2003	IN-00-116	NOVEL CATALYSTS FOR SELECTIVE NOX REDUCTION USING HYDROCARBONS (AS FILED)

10/398,329	09-Oct-2001	IN-97-012	NANOCRYSTALLINE DIAMOND FILM ELECTRODES
10/428,348	02-May-2003	IN-02-030	PREPARATION OF ORGANOPHYLSILICATE NANOCOMPOSITE COMPOSITIONS (AS FILED)
10/439,744	16-May-2003	IN-03-016	FUEL PROCESSOR FOR PRODUCING HYDROGEN FROM HYDROCARBON FUELS (AS FILED)
10/449,287	30-May-2003	IN-02-003	ENHANCED PHOTOPHYSICS OF CONJUGATED POLYMERS (AS FILED)
10/532,556	22-Apr-2005	IN-02-035	IMPROVED METALWORKING AND MACHINING FLUIDS (AS FILED)
10/547,100	26-Aug-2005	IN-03-017	ALUMINUM PHOSPHATE CERAMICS FOR WASTE STORAGE (AS FILED)
10/547,445	26-Aug-2005	IN-03-080	METHOD OF WASTE STABILIZATION WITH DEWATERED CHEMICALLY BONDED PHOSPHATE CERAMICS (AS FILED)
10/609,907	30-Jun-2003	IN-00-079	POLYMER-PHYLSILICATE NANOCOMPOSITES AND THEIR PREPARATION (AS FILED)
10/619,284	14-Jul-2003	IN-01-052	BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY POSITIONING APPARATUS (AS ISSUED)
10/637,127	08-Aug-2003	IN-02-083	RESONANCE-ENHANCED DIELECTRIC SENSING OF CHEMICAL AND BIOLOGICAL SPECIES (AS FILED)
10/642,768	18-Aug-2003	IN-02-042	METHOD FOR FABRICATION OF BIOCHIPS WITH A MACROPOROUS SUBSTRATE (AS FILED)
10/647,423	25-Aug-2003	IN-99-088	DISCRIMINATION OF BACILLUS ANTHRACIS AND CLOSELY RELATED MICROORGANISMS BY ANALYSIS OF 16S AND 23S RRNA WITH OLIGONUCLEOTIDE MICROCHIPS
10/688,004	17-Oct-2003	IN-00-063	LITHIUM-METAL-OXIDE ELECTRODES FOR LITHIUM CELLS AND BATTERIES (AS ISSUED)
10/699,484	31-Oct-2003	IN-02-074	LAYERED CATHODE MATERIALS FOR LITHIUM ION RECHARGEABLE BATTERIES (AS FILED)
10/702,419	05-Nov-2003	IN-02-006	PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM (AS FILED)
10/702,798	05-Nov-2003	IN-02-057	IMMOBILIZED BIOCATALYTIC ENZYMES IN ELECTRODEIONIZATION (AS FILED)
10/716,331	18-Nov-2003	IN-03-008	IMPROVED IRON-BASED PEROVSKITE CATHODES FOR SOLID OXIDE FUEL CELLS (AS FILED)
10/738,400	17-Dec-2003	IN-02-080	LITHIUM BASED ELECTROCHEMICAL CELL SYSTEMS (AS FILED)
10/741,248	18-Dec-2003	IN-02-096	IMPROVED ANODE MATERIAL FOR LITHIUM BATTERIES (AS FILED)
10/746,211	23-Dec-2003	IN-03-006	ELECTRODES FOR LITHIUM BATTERIES (AS FILED)
10/780,348	17-Feb-2004	IN-03-002	METHOD FOR FAST START OF A FUEL PROCESSOR (AS FILED)
10/782,278	18-Feb-2004	IN-01-120	CERAMICRETE STABILIZATION OF U- AND PU-BEARING MATERIALS (AS FILED)
10/789,219	27-Feb-2004	IN-00-030	METHOD FOR GENERATING HYDROGEN FOR FUEL CELLS (AS ISSUED)

10/794,231	05-Mar-2004	IN-02-067	SINGLE STAGE SEPARATION AND ESTERIFICATION OF CATION SALT CARBOXYLATES USING ELECTRODEIONIZATION (AS FILED)
10/794,381	05-Mar-2004	IN-02-050	DUAL PHASE MULTIPLEX POLYMERASE CHAIN REACTION (AS FILED)
10/799,181	12-Mar-2004	IN-02-066	ATOMIC LAYER DEPOSITION FOR HIGH TEMPERATURE SUPERCONDUCTOR MATERIAL SYNTHESIS (AS FILED)
10/800,292	12-Mar-2004	IN-02-081	LAYERED $\text{Li}_{1+x}\text{Ni}_x\text{Mn}_{1-x}\text{O}_2$ CATHODE MATERIALS FOR LI-ION RECHARGEABLE BATTERIES AND THE METHOD OF MANUFACTURING THE SAME (AS FILED)
10/803,280	18-Mar-2004	IN-03-075	METHODS AND COMPOSITIONS FOR SYNTHESIS OF 3' AMINOLINKERS (AS FILED)
10/807,599	24-Mar-2004	IN-02-072	ROBOT BASED AUTOMATION SYSTEM FOR CRYOGENIC SAMPLE MOUNTING (AS FILED)
10/814,210	31-Mar-2004	IN-03-124	HYDROGEN TRANSPORT MEMBRANES FOR DEHYDROGENATION REACTIONS (AS FILED)
10/823,509	12-Apr-2004	IN-00-033	DOPA AND DOPAMINE MODIFICATION OF METAL OXIDE SEMICONDUCTORS, METHOD FOR ATTACHING BIOLOGICAL MOLECULES TO SEMICONDUCTORS (AS ISSUED)
10/824,741	15-Apr-2004	IN-02-005	ELECTRODIALYSIS OPERATION WITH BUFFER SOLUTION (AS FILED)
10/825,572	15-Apr-2004	IN-03-142	AUTOMATED AGENT-BASED METHOD FOR IDENTIFYING INFRASTRUCTURE INTERDEPENDENCIES (AS PUBLISHED)
10/825,931	15-Apr-2004	IN-03-019	LITHIUM METAL OXIDE ELECTRODES FOR LITHIUM BATTERIES (AS FILED)
10/827,114	19-Apr-2004	IN-02-043	HEAT TRANSFER PROBE (AS FILED)
10/832,753	27-Apr-2004	IN-03-133	AUTOTHERMAL REFORMING CATALYST WITH PEROVSKITE STRUCTURE (AS FILED)
10/841,731	08-May-2004	IN-02-031	METHOD FOR PRODUCING FUNCTIONALLY GRADED NANOCRYSTALLINE LAYER ON METAL SURFACE (AS FILED)
10/845,867	13-May-2004	IN-03-035	METHOD TO GROW CARBON THIN FILMS CONSISTING ENTIRELY OF DIAMOND GRAINS 3-5 NM IN SIZE AND HIGH-ENERGY GRAIN BOUNDARIES (AS FILED)
10/857,385	28-May-2004	IN-03-047	LONG LIFE LITHIUM BATTERIES WITH STABILIZED ELECTRODES (AS FILED)
10/858,806	02-Jun-2004	IN-03-045	NICKEL-TITANIUM-PHOSPHATE CATHODES (AS FILED)
10/859,259	02-Jun-2004	IN-02-009	PROCESS FOR PRODUCTION AND PURIFICATION OF FERMENTATION DERIVED ORGANIC ACIDS (AS FILED)
10/863,617	08-Jun-2004	IN-00-081	LIQUID CRYSTALLINE COMPOSITES CONTAINING PHYLLOSILICATES (AS ISSUED)
10/865,651	10-Jun-2004	IN-04-003	OPTICAL APPARATUS FOR LASER SCATTERING BY OBJECTS HAVING COMPLEX SHAPES (AS FILED)
10/866,963	14-Jun-2004	IN-03-156	METHOD AND APPARATUS FOR SEPARATING MIXED PLASTICS USING FLOTATION TECHNIQUES (AS FILED)



10/868,062	15-Jun-2004	IN-03-078	COMPOSITION AND APPLICATION OF NOVEL SPRAYABLE PHOSPHATE CEMENT (GRANCRETE) THAT BONDS TO STYROFOAM (AS FILED)
10/874,774	23-Jun-2004	IN-03-024	POLYOLEFIN NANOCOMPOSITES (AS FILED)
10/892,736	15-Jul-2004	IN-02-055	A METHOD TO GROW PURE NANOCRYSTALLINE DIAMOND FILMS AT LOW TEMPERATURES AND HIGH DEPOSITION RATES (AS FILED)
10/903,514	30-Jul-2004	IN-02-074	LAYERED CATHODE MATERIALS FOR LITHIUM ION RECHARGEABLE BATTERIES (AS FILED)
10/903,705	30-Jul-2004	IN-99-080	METHOD TO IMPROVE LUBRICITY OF LOW SULFUR DIESEL AND GASOLINE FUELS (AS ISSUED)
10/940,467	14-Sep-2004	IN-01-059	LASER BASED IGNITION SYSTEM FOR NATURAL GAS RECIPROCATING ENGINES, LASER BASED IGNITION SYSTEM HAVING CAPABILITY TO DETECT SUCCESSFUL IGNITION EVENT; AND DISTRIBUTOR SYSTEM FOR USE WITH HIGH-POWERED PULSED LASERS (AS FILED)
10/941,592	14-Sep-2004	IN-03-105	PERMAFROST CERAMICRETE (AS FILED)
10/941,800	14-Sep-2004	IN-03-055	CATALYTIC NANOPOROUS MEMBRANES (AS FILED)
10/945,834	21-Sep-2004	IN-03-081	OMEGA-AMINO PHOSPHORAMIDITES AND PHOSPHATE CONJUGATES THEREOF (AS FILED)
10/951,558	28-Sep-2004	IN-00-012	PACKAGING FOR PRIMARY AND SECONDARY BATTERIES (AS FILED)
10/969,667	20-Oct-2004	IN-05-091	RELIABLE DISK DRIVE AND METHOD (AS FILED)
10/971,507	21-Oct-2004	IN-03-108	ELECTROCHEMICAL DEVICE HAVING ELECTROLYTE INCLUDING DISILOXANE (AS FILED)
10/971,913	21-Oct-2004	IN-03-108	ELECTROCHEMICAL DEVICE HAVING ELECTROLYTE INCLUDING DISILOXANE (AS FILED)
10/971,926	21-Oct-2004	IN-03-108	ELECTROCHEMICAL DEVICE HAVING ELECTROLYTE INCLUDING DISILOXANE (AS FILED)
10/980,507	03-Nov-2004	IN-02-085	PATTERN TRANSFER WITH SELF-SIMILAR SACRIFICIAL MASK LAYER AND VECTOR MAGNETIC FIELD SENSOR (AS FILED)
10/993,642	19-Nov-2004	IN-04-007	RETENTION OF COUNTERIONS IN A SEPARATIVE BIOREACTOR (AS FILED)
11/001,193	01-Dec-2004	IN-04-077	ULTRAFAST AND ULTRASENSITIVE HYDROGEN SENSORS BASED ON SELF-ASSEMBLY MONOLAYER PROMOTED 2-DIMENSIONAL PALLADIUM NANOCCLUSERS (AS FILED)
11/040,914	21-Jan-2005	IN-04-058	SINGLE METAL NANOPARTICLE SCATTERING INTERFEROMETER (AS FILED)
11/056,866	10-Feb-2005	IN-03-108	ELECTROCHEMICAL DEVICE HAVING ELECTROLYTE INCLUDING DISILOXANE (AS FILED)
11/056,867	10-Feb-2005	IN-03-108	ELECTROCHEMICAL DEVICE HAVING ELECTROLYTE INCLUDING DISILOXANE (AS FILED)
11/056,868	10-Feb-2005	IN-03-108	ELECTROCHEMICAL DEVICE HAVING ELECTROLYTE INCLUDING DISILOXANE (AS FILED)

11/057,790	14-Feb-2005	IN-04-076	MANGANESE OXIDE ELECTRODES FOR LITHIUM BATTERIES (AS FILED)
11/066,791	25-Feb-2005	IN-04-090	SYNTHESIS OF 3', OR 5'- OR INTERNAL METHACRYLAMIDO-MODIFIED OLIGONUCLEOTIDES (AS FILED)
11/073,263	03-Mar-2005	IN-03-013	LAYERED CU-BASED ELECTRODE FOR HIGH DIELECTRIC CONSTANT OXIDE THIN FILM BASED DEVICES (AS FILED)
11/082,468	17-Mar-2005	IN-04-070	ELECTRONICALLY AND IONICALLY CONDUCTIVE POROUS MATERIAL AND METHOD FOR MANUFACTURE OF RESIN WAFERS THEREFROM (AS FILED)
11/082,469	17-Mar-2005	IN-04-70b	DEVICES USING RESIN WAFERS AND APPLICATIONS THEREOF (AS FILED)
11/084,940	21-Mar-2005	IN-01-110	THREE-ELECTRODE METAL OXIDE REDUCTION CELL (AS ISSUED)
11/088,606	23-Mar-2005	IN-01-098	DETERMINATION OF THE HYDROGEN STORAGE CAPACITY OF NOVEL SEPIOLATE-DERIVED CARBONACEOUS MATERIALS (AS FILED)
11/097,603	01-Apr-2005	IN-03-054	SYNTHESIS OF A SELF ASSEMBLED HYBRID OF ULTRANANOCRYSTALLINE DIAMOND AND CARBON NANOTUBES (AS FILED)
11/104,894	13-Apr-2005	IN-04-088	EJECTOR/INJECTOR TOOL FOR USE WITH CONE PENETROMETER (AS FILED)
11/113,739	25-Apr-2005	IN-03-001	CATALYTIC MEMBRANES FOR CO OXIDATION USED IN FUEL CELLS (AS FILED)
11/113,826	25-Apr-2005	IN-03-049	MAGNETIC NANOPARTICLES FOR BIO-MEDICAL APPLICATIONS (AS FILED)
11/121,425	04-May-2005	IN-03-093	THERMALLY-STABLE SURFACTANTS AND COMPOSITIONS AND METHODS AND USE THEREOF (AS FILED)
11/123,602	06-May-2005	IN-04-043	HERMETIC, BIO-INERT COATINGS FOR BIO-IMPLANTS FABRICATED USING ATOMIC LAYER DEPOSITION (AS FILED)
11/135,101	23-May-2005	IN-04-030	METHODS FOR FABRICATING LITHIUM RECHARGEABLE BATTERIES (AS FILED)
11/143,417	02-Jun-2005	IN-04-066	HIGH POWER, LONG FOCUS ELECTRON SOURCE FOR BEAM PROCESSING (AS FILED)
11/143,837	02-Jun-2005	IN-04-067	LAPAROSCOPIC TUMOR THERAPY USING HIGH ENERGY ELECTRON IRRADIATION (AS FILED)
11/149,901	10-Jun-2005	IN-96-50b	CUSTOMIZED OLIGONUCLEOTIDE MICROCHIPS THAT CONVERT MULTIPLE GENETIC INFORMATION TO SIMPLER PATTERNS, ARE PORTABLE AND REUSABLE (AS ISSUED)
11/153,815	15-Jun-2005	IN-02-060	COMPACT SYSTEM AND METHOD FOR THE PRODUCTION OF LONG-WAVELENGTH, ELECTROMAGNETIC RADIATION EXTENDING OVER THE TERAHERTZ REGIME (AS FILED)
11/167,067	24-Jun-2005	IN-03-139	NANOSTRUCTURES SYNTHESIZED BY USING ANODIC ALUMINUM OXIDE (AS FILED)
11/182,567	15-Jul-2005	IN-05-001	SYNCHRONIZATION MATRIX PROCESS FOR TOTAL EMERGENCY MANAGEMENT (AS FILED)

11/190,784	27-Jul-2005	IN-03-147	METHOD FOR DETECTION AND IMAGING OVER A BROAD SPECTRAL RANGE (AS FILED)
11/196,366	03-Aug-2005	IN-04-062	A VECTOR FOR IMPROVED IN VIVO PRODUCTION OF PROTEINS (AS FILED)
11/204,331	15-Aug-2005	IN-01-094	CONSTRUCTION MATERIAL AND METHOD (AS ISSUED)
11/204,332	15-Aug-2005	IN-01-094	CONSTRUCTION MATERIAL AND METHOD (AS ISSUED)
11/204,512	16-Aug-2005	IN-04-076	MANGANESE OXIDE ELECTRODES FOR LITHIUM BATTERIES (AS FILED)
11/207,379	19-Aug-2005	IN-04-094	MONOLITHIC INTEGRATED PASSIVE AND ACTIVE ELECTRONIC DEVICES WITH BIOCOMPATIBLE COATINGS (AS FILED)
11/211,135	24-Aug-2005	IN-04-073	SILVER VANADIUM OXIDE-FLUORIDE MATERIAL USEFUL AS A BATTERY CATHODE (AS FILED)
11/212,087	24-Aug-2005	IN-02-045	CHEMICALLY BONDED PHOSPHATE CERAMIC SEALANT FORMULATIONS FOR OIL FIELD APPLICATIONS (AS FILED)
11/226,703	13-Sep-2005	IN-03-117	ALL DIAMOND SELF-ALIGNED THIN FILM TRANSISTOR (AS FILED)
11/228,064	16-Sep-2005	IN-04-105	HIGH TEMPERATURE POTENTIOMETRIC OXYGEN SENSOR WITH INTERNAL REFERENCE (AS FILED)
11/230,281	19-Sep-2005	IN-04-112	BROADBAND SURFACE PLASMON JETS: DIRECT OBSERVATION OF PLASMON PROPAGATION FOR APPLICATION TO SENSORS AND OPTICAL COMMUNICATIONS IN MICROSCALE AND NANOSCALE CIRCUITRY (AS FILED)
11/233,913	23-Sep-2005	IN-98-026	DEVICE FOR DETECTING MOLECULES, METHOD FOR DETECTING MOLECULES (AS FILED)
11/237,365	28-Sep-2005	IN-03-032	METHOD OF DECONTAMINATING A POROUS SURFACE CONTAMINATED WITH CESIUM (AS FILED)
11/238,196	29-Sep-2005	IN-05-007	OPTOMECHANICAL STRUCTURE FOR A MULTIFUNCTIONAL HARD X-RAY NANOPROBE INSTRUMENT (AS FILED)
11/248,661	11-Oct-2005	IN-04-039	FIELD EMISSION CATHODE GATING FOR RF ELECTRON GUNS AND PLANAR FOCUSING CATHODES (AS ISSUED)
11/267,056	04-Nov-2005	IN-04-074	MULTI-RADIATION LARGE AREA DETECTOR (AS FILED)
11/271,462	10-Nov-2005	IN-00-063	LITHIUM-METAL-OXIDE ELECTRODES FOR LITHIUM CELLS AND BATTERIES (AS ISSUED)
11/291,254	01-Dec-2005	IN-01-033	IMPROVED PROTON CONDUCTING MEMBRANE FOR FUEL CELLS (AS ISSUED)
11/297,120	08-Dec-2005	IN-04-098	LONG LIFE LITHIUM BATTERIES WITH STABILIZED ELECTRODES (AS FILED)
11/302,419	12-Dec-2005	IN-01-019	JOINING OF ADVANCED MATERIALS BY PLASTIC DEFORMATION (AS ISSUED)
11/329,937	11-Jan-2006	IN-03-123	METHOD FOR FABRICATION OF HIGH TEMPERATURE SUPERCONDUCTORS (AS ISSUED)
11/338,902	24-Jan-2006	IN-04-089	LONG LIFE LITHIUM BATTERIES WITH STABILIZED ELECTRODES (AS FILED)

11/346,947	02-Feb-2006	IN-05-092	LITHIUM-ION BATTERIES WITH INTRINSIC PULSE OVERCHARGE PROTECTION (AS FILED)
11/350,005	08-Feb-2006	IN-03-035	METHOD TO GROW CARBON THIN FILMS CONSISTING ENTIRELY OF DIAMOND GRAINS 3-5 NM IN SIZE AND HIGH-ENERGY GRAIN BOUNDARIES (AS FILED)
11/353,286	09-Feb-2006	IN-01-070	WATER AND/OR ALCOHOL WATER SECONDARY INJECTION SYSTEM FOR DIESEL ENGINES (AS FILED)
11/362,484	24-Feb-2006	IN-05-014	AUTOMATED MULTICOLOR FLUORESCENT MICROSCOPE WITH SCANNING AND THERMOSTATIC ABILITY (AS FILED)
11/366,891	01-Mar-2006	IN-05-012	NOVEL REDOX SHUTTLES FOR OVERCHARGE PROTECTION OF LITHIUM BATTERIES (AS FILED)
11/368,116	03-Mar-2006	IN-05-020	METHOD OF FABRICATING ELECTRODE CATALYST LAYERS WITH DIRECTIONALLY ORIENTED CARBON SUPPORT FOR PROTON EXCHANGE MEMBRANE FUEL CELLS (AS FILED)
11/368,120	03-Mar-2006	IN-05-038	ALIGNED CARBON NANOTUBE WITH ELECTRO-CATALYTIC ACTIVITY FOR OXYGEN REDUCTION REACTION (AS FILED)
11/373,054	10-Mar-2006	IN-04-114	NON-AQUEOUS ELECTROLYTE FOR LITHIUM ION BATTERIES (AS FILED)
11/374,849	14-Mar-2006	IN-05-034	SURFACE MODIFICATION TO IMPROVE FIRESIDE CORROSION RESISTANCE OF FE-CR FERRITIC STEELS (AS FILED)
11/378,145	16-Mar-2006	IN-03-019	LITHIUM METAL OXIDE ELECTRODES FOR LITHIUM BATTERIES (AS FILED)
11/384,792	20-Mar-2006	IN-04-085	NANOSIZED BIOLOGICAL CONTAINER AND MANUFACTURE THEREOF (AS FILED)
11/388,636	24-Mar-2006	IN-05-078	NOVEL ULTRANANOCRYSTALLINE DIAMOND PROBES FOR HIGH-RESOLUTION LOW-WEAR NANOLITHOGRAPHIC TECHNIQUES (AS FILED)
11/393,603	30-Mar-2006	IN-05-035	EFFICIENT PROCESS FOR MAKING TACKIFIERS AND ADHESIVES (AS FILED)
11/399,034	05-Apr-2006	IN-03-077	COVALENT ATTACHMENT OF BIOMOLECULES TO SOLID SUPPORTS BY A POLYMERIZATION METHOD (AS FILED)
11/404,697	14-Apr-2006	IN-04-10a	METHODS OF USING A LASER TO PERFORATE COMPOSITE STRUCTURES OF STEEL CASING, CEMENT AND ROCKS (AS FILED)
11/404,698	14-Apr-2006	IN-04-10a	METHODS OF USING A LASER TO PERFORATE COMPOSITE STRUCTURES OF STEEL CASING, CEMENT AND ROCKS (AS FILED)
11/404,794	13-Apr-2006	IN-01-097	POLYMER NANOCOMPOSITES FOR LITHIUM BATTERY APPLICATIONS (AS ISSUED)
11/406,097	18-Apr-2006	IN-04-095	BIPOLAR PLATE SUPPORTED SOLID OXIDE FUEL CELL WITH A SEALED ANODE COMPARTMENT (AS FILED)
11/407,711	20-Apr-2006	IN-06-001	PASSIVE MILLIMETER WAVE SPECTROMETER FOR REMOTE DETECTION OF CHEMICAL PLUMES (AS FILED)
11/410,757	25-Apr-2006	IN-05-004	PROCESSES FOR MAKING DENSE, SPHERICAL ACTIVE MATERIALS FOR LITHIUM-ION CELLS (AS FILED)
11/413,698	28-Apr-2006	IN-05-128	TRACKING OF MOVING RADIOACTIVE SOURCES (AS FILED)

11/418,954	05-May-2006	IN-05-090	METHOD FOR FABRICATING DENSE THIN FILM CERMET HYDROGEN SEPARATION MEMBRANE (AS FILED)
11/418,955	05-May-2006	IN-05-026	METHOD FOR FABRICATING A HYDROGEN SEPARATION MEMBRANE ON A POROUS SUBSTRATE (AS FILED)
11/418,957	05-May-2006	IN-05-021	THERMAL METHOD FOR FABRICATING A HYDROGEN SEPARATION MEMBRANE ON A POROUS SUBSTRATE (AS FILED)
11/425,667	21-Jun-2006	IN-05-030	PREPARATION OF PLASTIC SUPPORTS FOR BIOCHIPS (AS FILED)
11/429,016	03-May-2006	IN-05-088	USE OF TUNGSTEN INTERLAYER TO ENHANCE THE INITIAL NUCLEATION AND CONFORMALITY OF ULTRANANOCRYSTALLINE DIAMOND (UNCD) THIN FILMS (AS FILED)
11/438,180	22-May-2006	IN-05-006	BIO-INORGANIC CONJUGATES (AS FILED)
11/443,566	31-May-2006	IN-04-113	NICKEL-BASED ALLOYS TO PREVENT METAL DUSTING DEGRADATION (AS FILED)
11/443,714	31-May-2006	IN-05-052	INTEGRATED ELECTRON BEAM TIP AND SAMPLE HEATING DEVICE FOR A SCANNING TUNNELING MICROSCOPE (AS FILED)
11/443,955	31-May-2006	IN-05-036	SEMICONDUCTOR-BASED DETECTION AND DECONTAMINATION SYSTEM (AS FILED)
11/444,219	31-May-2006	IN-05-112	ELECTRODE MATERIALS AND LITHIUM BATTERY SYSTEMS (AS FILED)
11/444,241	31-May-2006	IN-05-126	MODULAR, MICRO-SCALE, OPTICAL ARRAY AND BIOTECTION SYSTEM (AS FILED)
11/444,242	31-May-2006	IN-05-028	COMBINATORIAL ELECTROCHEMICAL DEPOSITION SYSTEM (AS FILED)
11/450,619	09-Jun-2006	IN-03-120	NITROGEN ENRICHED COMBUSTION OF A NATURAL GAS INTERNAL COMBUSTION ENGINE TO REDUCE NOx EMISSIONS (AS FILED)
11/452,052	13-Jun-2006	IN-05-121	METHOD FOR ANALYZING MULTI-LAYER MATERIALS FROM ONE-SIDED PULSED THERMAL IMAGING (AS FILED)
11/452,156	13-Jun-2006	IN-05-125	OPTICAL FILTER FOR FLASH LAMPS IN PULSED THERMAL IMAGING (AS FILED)
11/454,724	16-Jun-2006	IN-05-072	LIGHT WEIGHT PHOSPHATE CEMENTS (AS FILED)
11/455,358	19-Jun-2006	IN-06-026	CATHODE MATERIAL FOR LITHIUM BATTERIES
11/466,717	23-Aug-2006	IN-05-041	METHOD TO IMPROVE QUALITY OF MICROARRAYS BY CONTROLLING EVAPORATION (AS FILED)
11/479,797	30-Jun-2006	IN-06-004	HIGH RESOLUTION X-RAY AND GAMMA RAY IMAGING USING DIFFRACTION LENSES WITH MECHANICALLY BENT CRYSTALS (AS FILED)
11/484,348	11-Jul-2006	IN-04-103	MOLECULE NANOWEAVER (AS FILED)
11/484,349	11-Jul-2006	IN-04-103	MOLECULE NANOWEAVER (AS FILED)

11/485,203	12-Jul-2006	IN-05-040	METHOD AND APPARATUS FOR IMPLEMENTING NON-DESTRUCTIVE QUALITY CONTROL OF SUBSTRATES AND PRINTED BIOLOGICAL MICROARRAYS, AND FOR IMPLEMENTING QUALITY CONTROL AND VISUALIZING GEL-BASED MICROARRAYS PREPARED BY DISPENSING GEL-FORMING COMPOSITION ...
11/496,195	31-Jul-2006	IN-05-062	SURFACE ACOUSTIC WAVE PROBE IMPLANT FOR PREDICTING EPILEPTIC SEIZURES (AS FILED)

**ATTACHMENT C**  
**U.S. Provisional Patent Applications**

App. No.	Filing Date	File	Title
60/721,423	28-Sep-2005	IN-05-031	VERSATILE VECTORS FOR EXPRESSION OF FOREIGN PROTEINS IN PHOTOSYNTHETIC BACTERIA (AS FILED-PROV.)
60/721,911	29-Sep-2005	IN-05-062	SURFACE ACOUSTIC WAVE PROBE IMPLANT FOR PREDICTING EPILEPTIC SEIZURES (AS FILED)
60/732,391	01-Nov-2005	IN-05-093	METHOD FOR THE INTERROGATION OF SEALED CONTAINERS, DEVICE FOR THE INTERROGATION OF SEALED CONTAINERS
60/735,075	09-Nov-2005	IN-05-083	METHOD TO SEAL REACTIVE MATERIALS UNDER VACUUM (AS FILED-PROV.)
60/740,467	28-Nov-2005	IN-05-074	POROUS ANODIC ALUMINUM OXIDE MEMBRANES FOR NANOFABRICATION (AS FILED-PROV.)
60/740,339	29-Nov-2005	IN-03-119	INTEGRATION OF DISSIMILAR MATERIALS FOR ADVANCED MULTIFUNCTIONAL DEVICES (AS FILED-PROV.)
60/749,844	12-Dec-2005	IN-05-087	JOINING OF ADVANCED MATERIALS BY PLASTIC DEFORMATION (AS FILED-PROV.)
60/779,619	06-Mar-2006	IN-05-116	METHOD OF PREPARING SIZE-SELECTED METAL CLUSTERS (AS FILED-PROV.)
60/783,436	17-Mar-2006	IN-05-108	CREATION OF CONDUCTING NETWORK OF MAGNETIC PARTICLES THROUGH DYNAMIC SELF-ASSEMBLY PROCESS (AS FILED-PROV.)
60/786,269	27-Mar-2006	IN-05-066	CREATION OF CONDUCTING NETWORK OF MAGNETIC PARTICLES THROUGH DYNAMIC SELF-ASSEMBLY PROCESS (AS FILED-PROV.)
60/787,560	30-Mar-2006	IN-05-118	POLARIZED PULSED FRONT-END BEAM SOURCE FOR ELECTRON MICROSCOPE (AS FILED-PROV.)
60/788,856	03-Apr-2006	IN-05-043	THERMAL NEUTRON TELESCOPE (AS FILED-PROV.)
60/793,176	19-Apr-2006	IN-05-106	GEL-FORMING REAGENTS AND USES THEREOF FOR PREPARING MICROARRAYS (AS FILED-PROV.)
60/802,403	22-May-2006	IN-06-031	INTEGRATION OF METAL HYDRIDE HYDROGEN STORAGE SYSTEM WITH FUEL CELL SYSTEM (AS FILED-PROV.)
60/802,899	23-May-2006	IN-05-067	BIOLOGICAL MICROARRAYS WITH ENHANCED SIGNAL YIELD (AS FILED-PROV.)
60/809,665	31-May-2006	IN-05-073	COMPOSITE ELECTRODE STRUCTURES FOR LITHIUM BATTERIES
60/809,478	31-May-2006	IN-06-033	SURFACE STABILIZED ELECTRODES FOR LITHIUM BATTERIES (AS FILED-PROV.)
60/814,272	15-Jun-2006	IN-05-113	METHOD FOR RAPID SELF-START OF POLYMER ELECTROLYTE FUEL CELL STACKS (AS FILED-PROV.)
60/817,940	30-Jun-2006	IN-05-111	UNIVERSAL VACCINE (AS FILED)
60/818,472	03-Jul-2006	IN-05-107	RF CAGE FIELD-CONFINEMENT CAVITY (AS FILED-PROV.)

**ATTACHMENT D**  
**Foreign Patents and Patent Applications**

Country	Number	Date	File	U.S. Priority Date	U.S. Priority No.	Title
KR	98-0703035	27-Apr-1998	IN-95-055	02-Nov-1995	08/556,805	MUTANT E. COLI STRAIN WITH INCREASED SUCCINIC ACID PRODUCTION (AS ISSUED)
WO	US96/17861	31-Oct-1996	IN-95-055	02-Nov-1995	08/556,805	MUTANT E. COLI STRAIN WITH INCREASED SUCCINIC ACID PRODUCTION (AS ISSUED)
DE	97941159.2		IN-95-067	30-Jul-1996	08/692,801	EFFICIENT CONTINUOUS DRYER FOR FLEXIBLE POLYURETHANE FOAM AND CLEANING APPARATUS (AS ISSUED)
WO	US97/01220	14-Jul-1997	IN-95-067	30-Jul-1996	08/692,801	EFFICIENT CONTINUOUS DRYER FOR FLEXIBLE POLYURETHANE FOAM AND CLEANING APPARATUS (AS ISSUED)
JP	1998-608655	14-Jul-1997	IN-95-067	30-Jul-1996	08/692,801	EFFICIENT CONTINUOUS DRYER FOR FLEXIBLE POLYURETHANE FOAM AND CLEANING APPARATUS (AS ISSUED)
FR	97941159.2		IN-95-067	30-Jul-1996	08/692,801	EFFICIENT CONTINUOUS DRYER FOR FLEXIBLE POLYURETHANE FOAM AND CLEANING APPARATUS (AS ISSUED)
CA	2260242		IN-95-067	30-Jul-1996	08/692,801	EFFICIENT CONTINUOUS DRYER FOR FLEXIBLE POLYURETHANE FOAM AND CLEANING APPARATUS (AS ISSUED)
GB	97941159.2		IN-95-067	30-Jul-1996	08/692,801	EFFICIENT CONTINUOUS DRYER FOR FLEXIBLE POLYURETHANE FOAM AND CLEANING APPARATUS (AS ISSUED)
EP	97941159.2		IN-95-067	30-Jul-1996	08/692,801	EFFICIENT CONTINUOUS DRYER FOR FLEXIBLE POLYURETHANE FOAM AND CLEANING APPARATUS (AS ISSUED)
IT	97941159.2		IN-95-067	30-Jul-1996	08/692,801	EFFICIENT CONTINUOUS DRYER FOR FLEXIBLE POLYURETHANE FOAM AND CLEANING APPARATUS (AS ISSUED)
WO	US97/04132	18-Mar-1997	IN-95-140b	18-Mar-1996	08/617,284	METHOD OF WASTE STABILIZATION VIA CHEMICALLY BONDED PHOSPHATE CERAMICS



JP	5025/4/99	22-May-1998	IN-96-134	08/667,556	2-Jun-1997	PARTIAL OXIDATION CATALYST (AS ISSUED)
WO	US98/10523	22-May-1998	IN-96-134	08/667,556	2-Jun-1997	PARTIAL OXIDATION CATALYST (AS ISSUED)
JP	2002/535177	09-Oct-2001	IN-97-012	9-Oct-2000 22-Aug-2001	60/238,173 60/314,142	NANOCRYSTALLINE DIAMOND FILM ELECTRODES
EP	01979588.2	09-Oct-2001	IN-97-012	9-Oct-2000 22-Aug-2001	60/238,173 60/314,142	NANOCRYSTALLINE DIAMOND FILM ELECTRODES
WO	US01/31388	09-Oct-2001	IN-97-012	9-Oct-2000 22-Aug-2001	60/238,173 60/314,142	NANOCRYSTALLINE DIAMOND FILM ELECTRODES
WO	US99/16917	27-Jul-1999	IN-97-086	29-Jul-1998	09/124,822	PUMPABLE/INJECTABLE PHOSPHATE BONDED CERAMICS (AS ISSUED)
CN	99807904.9	27-Jul-1999	IN-97-086	29-Jul-1998	09/124,822	PUMPABLE/INJECTABLE PHOSPHATE BONDED CERAMICS (AS ISSUED)
JP	2000-562327	12-Jan-2001	IN-97-086	29-Jul-1998	09/124,822	PUMPABLE/INJECTABLE PHOSPHATE BONDED CERAMICS (AS ISSUED)
RU	2001110564 8	27-Feb-2001	IN-97-086	29-Jul-1998	09/124,822	PUMPABLE/INJECTABLE PHOSPHATE BONDED CERAMICS (AS ISSUED)
EP	99937504.1	26-Feb-2001	IN-97-086	29-Jul-1998	09/124,822	PUMPABLE/INJECTABLE PHOSPHATE BONDED CERAMICS (AS ISSUED)
TW	088112099	16-Jul-1999	IN-97-086	29-Jul-1998	09/124,822	PUMPABLE/INJECTABLE PHOSPHATE BONDED CERAMICS (AS ISSUED)
NO	319925	04-Aug-1999	IN-97-098	06-Aug-1998	129,960	A DIMENSIONALLY STABLE ANODE FOR ELECTROLYSIS, METHOD FOR MAINTAINING DIMENSIONS OF ANODE DURING ELECTROLYSIS (AS ISSUED)
IT	00850562.7	17-Jan-2002	IN-99-042	21-Jul-2000	US00/20047	METHOD FOR FORMING BISMUTH-BASED SUPERCONDUCTING CERAMICS (AS ISSUED)
WO	US00/20047	21-Jul-2000	IN-99-042	23-Jul-1999	60/145,579	METHOD FOR FORMING BISMUTH-BASED SUPERCONDUCTING CERAMICS (AS ISSUED)
DE	00850562.7	17-Jan-2002	IN-99-042	21-Jul-2000	US00/20047	METHOD FOR FORMING BISMUTH-BASED SUPERCONDUCTING CERAMICS (AS ISSUED)
GB	00850562.7	17-Jan-2002	IN-99-042	21-Jul-2000	US00/20047	METHOD FOR FORMING BISMUTH-BASED SUPERCONDUCTING CERAMICS (AS ISSUED)

FR	00950562.7	17-Jan-2002	IN-99-042	21-Jul-2000	US00220047	METHOD FOR FORMING BISMUTH-BASED SUPERCONDUCTING CERAMICS (AS ISSUED)
EP	00950562.7	17-Jan-2002	IN-99-042	21-Jul-2000	US00220047	METHOD FOR FORMING BISMUTH-BASED SUPERCONDUCTING CERAMICS (AS ISSUED)
WO	US20040025470	06-Aug-2004	IN-01-018	08-Aug-2003 Aug-6-2004	60493,958 10913,185	METHOD AND PRODUCT FOR PHOSPHOSILICATE SLURRY FOR USE IN DENTISTRY AND RELATED BONE CEMENTS (AS ISSUED)
EP	2004-780325	06-Aug-2004	IN-01-018	08-Aug-2003 Aug-6-2004	60493,958 10913,185	METHOD AND PRODUCT FOR PHOSPHOSILICATE SLURRY FOR USE IN DENTISTRY AND RELATED BONE CEMENTS (AS ISSUED)
BR			IN-01-018	08-Aug-2003 Aug-6-2004	60493,958 10913,185	METHOD AND PRODUCT FOR PHOSPHOSILICATE SLURRY FOR USE IN DENTISTRY AND RELATED BONE CEMENTS (AS ISSUED)
JP	2006-523246		IN-01-018	08-Aug-2003 Aug-6-2004	60493,958 10913,185	METHOD AND PRODUCT FOR PHOSPHOSILICATE SLURRY FOR USE IN DENTISTRY AND RELATED BONE CEMENTS (AS ISSUED)
CA	2004-2535244	06-Aug-2004	IN-01-018	08-Aug-2003 Aug-6-2004	60493,958 10913,185	METHOD AND PRODUCT FOR PHOSPHOSILICATE SLURRY FOR USE IN DENTISTRY AND RELATED BONE CEMENTS (AS ISSUED)
EP	04816943.7	05-Jun-2006	IN-02-006	05-Nov-2003	10702,419	PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM (AS FILED)
WO		04-Nov-2004	IN-02-006	05-Nov-2003	10702,419	PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM (AS FILED)
AU	2004238233	09-May-2006	IN-02-006	05-Nov-2003	10702,419	PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM (AS FILED)
BR	PI 0416235-8	05-May-2006	IN-02-006	05-Nov-2003	10702,419	PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM (AS FILED)
CN	2004800366897	09-Jun-2006	IN-02-006	05-Nov-2003	10702,419	PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM (AS FILED)
IN	1411KOLNP 2006	25-May-2006	IN-02-006	05-Nov-2003	10702,419	PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM (AS FILED)
MZ	752006	05-Jun-2006	IN-02-006	05-Nov-2003	10702,419	PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM (AS FILED)
NZ	547113	11-May-2006	IN-02-006	05-Nov-2003	10702,419	PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM (AS FILED)
NO		06-Jun-2006	IN-02-006	05-Nov-2003	10702,419	PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM (AS FILED)

RU	2006119476	02-Jun-2006	IN-02-006	05-Nov-2003	10/702,419	PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM (AS FILED)
ZA	2006/03562	04-May-2006	IN-02-006	05-Nov-2003	10/702,419	PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM (AS FILED)
CA	2,544,702	03-May-2006	IN-02-006	05-Nov-2003	10/702,419	PROCESS FOR ELECTROLYTIC PRODUCTION OF ALUMINUM (AS FILED)
TW	094119338	10-Jun-2005	IN-03-054	10-Jun-2004	60/578,532	SYNTHESIS OF A SELF ASSEMBLED HYBRID OF ULTRANANOCRYSTALLINE DIAMOND AND CARBON NANOTUBES (AS FILED)
WO	US2005/020586	10-Jun-2005	IN-03-054	10-Jun-2004 01-Apr-2005	60/578,532 11/097,803	SYNTHESIS OF A SELF ASSEMBLED HYBRID OF ULTRANANOCRYSTALLINE DIAMOND AND CARBON NANOTUBES (AS FILED)
TW	096111522	31-Mar-2006	IN-03-054	01-Apr-2005	11/097,803	SYNTHESIS OF A SELF ASSEMBLED HYBRID OF ULTRANANOCRYSTALLINE DIAMOND AND CARBON NANOTUBES (AS FILED)

WO	US2005/38228	20-Oct-2005	IN-01-021	22-Oct-2004	10/971,653	ENHANCED RF WINDOW FOR WAVEGUIDE USED WITH PARTICLE ACCELERATOR
WO	US2005/30130	24-Aug-2005	IN-02-045	03-Sep-2004	60/607,123	CHEMICALLY BONDED PHOSPHATE CERAMIC SEALANT FORMULATIONS FOR OIL FIELD APPLICATIONS (AS FILED)
WO	US2005/38228	18-Apr-2005	IN-03-078	15-Jun-2004	10/668,062	COMPOSITION AND APPLICATION OF NOVEL SPRAYABLE PHOSPHATE CEMENT (GRANCRETE) THAT BONDS TO STYROFOAM (AS FILED)
WO	US2005/020841	13-Jun-2005	IN-04-030	23-May-2005	11/136,101	METHODS FOR FABRICATING LITHIUM RECHARGEABLE BATTERIES (AS FILED)
WO						ELECTRONICALLY AND IONICALLY CONDUCTIVE POROUS MATERIAL AND METHOD FOR MANUFACTURE OF RESIN WATERS THEREFROM (AS FILED)
WO	US2005/032900	14-Sep-2005	IN-04-070	17-Sep-2004	60/611,099	DEVICES USING RESIN WAFERS AND APPLICATIONS THEREOF (AS FILED)
WO	US2005/032893	14-Sep-2005	IN-04-070b	17-Sep-2004	60/611,099	MANGANESE OXIDE ELECTRODES FOR LITHIUM BATTERIES (AS FILED)
WO	US2005/032900	17-Mar-2004	IN-04-076	03-Sep-2004	60/607,125	MANGANESE OXIDE ELECTRODES FOR LITHIUM BATTERIES (AS FILED)

WO	US2004/038377	17-Nov-2004	IN-04-076	03-Sep-2004	60/607,125	MANGANESE OXIDE ELECTRODES FOR LITHIUM BATTERIES (AS FILED)
WO	US2005/042971	28-Nov-2005	IN-04-077	01-Dec-2004	11/001,193	ULTRAFAST AND ULTRA-SENSITIVE HYDROGEN SENSORS BASED ON SELF-ASSEMBLY MONOLAYER PROMOTED 2-DIMENSIONAL PALLADIUM NANOCCLUSERS (AS FILED)
WO	US2005/044341	08-Dec-2005	IN-04-098	16-Dec-2004	60/636,636	LONG-LIFE LITHIUM BATTERIES WITH STABILIZED ELECTRODES (AS FILED)
WO		24-Mar-2006	IN-04-105	28-Mar-2005	60/665,697	HIGH TEMPERATURE POTENTIOMETRIC OXYGEN SENSOR WITH INTERNAL REFERENCE (AS FILED)
WO	US2006/008664	10-Mar-2006	IN-04-114	15-Mar-2005	60/662,056	NON-AQUEOUS ELECTROLYTE FOR LITHIUM ION BATTERIES (AS FILED)
WO	US2006/015379	25-Apr-2006	IN-05-004	26-Apr-2005	60/674,894	PROCESSES FOR MAKING DENSE, SPHERICAL ACTIVE MATERIALS FOR LITHIUM-ION CELLS (AS FILED)
WO	US2006/007297	01-Mar-2006	IN-05-012	02-Mar-2005	60/657,850	NOVEL REDOX SHUTTLES FOR OVERCHARGE PROTECTION OF LITHIUM BATTERIES (AS FILED)
WO	US2006/024110	21-Jun-2006	IN-05-030	08-Aug-2005	60/706,484	PREPARATION OF PLASTIC SUPPORTS FOR BIOCHIPS (AS FILED)
WO	2006/023500	16-Jun-2006	IN-05-072	02-Sep-2005	60/714,101	LIGHT WEIGHT PHOSPHATE CEMENTS (AS FILED)